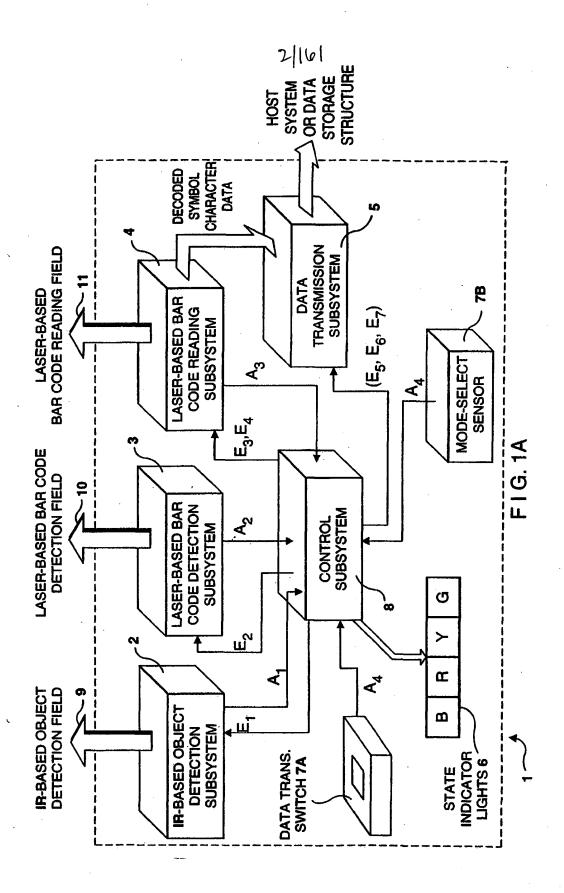
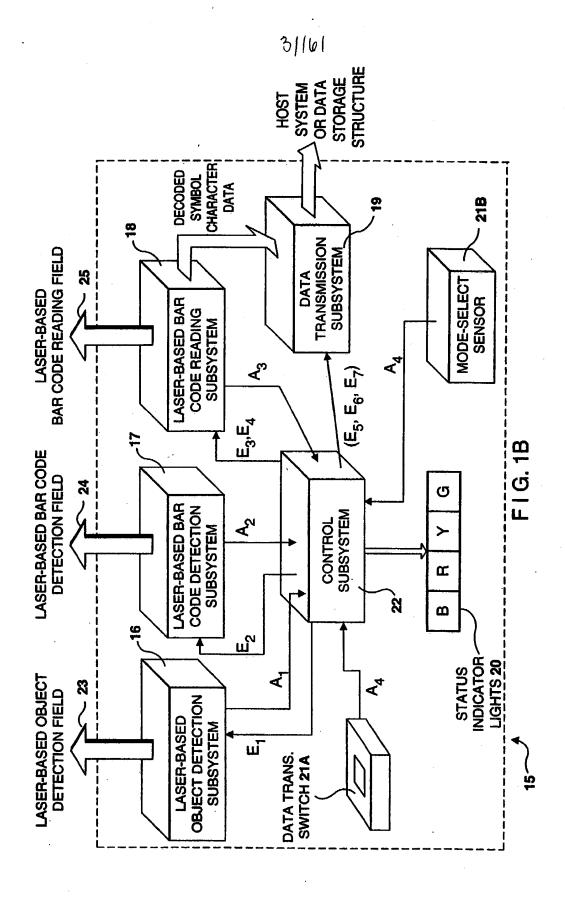
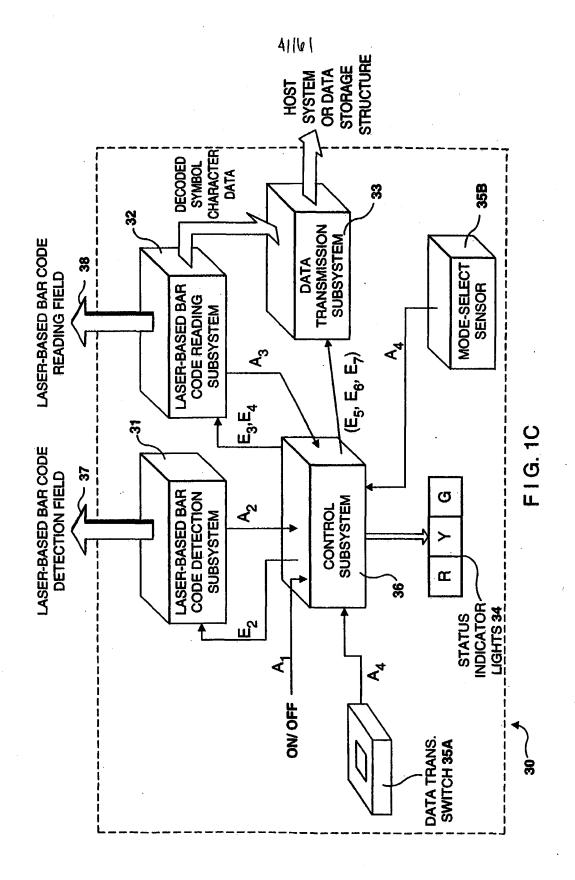
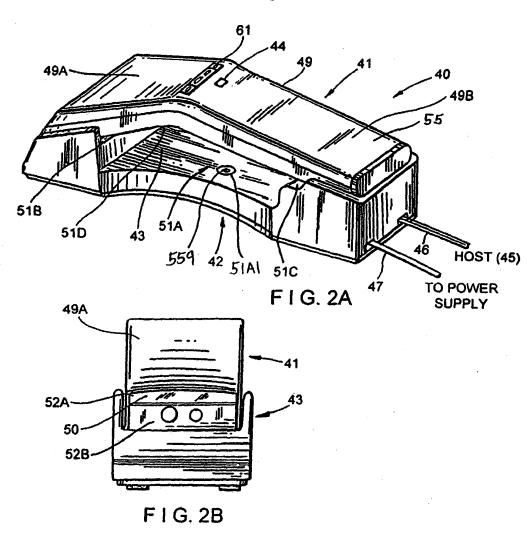


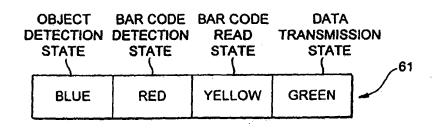
F I G. 1



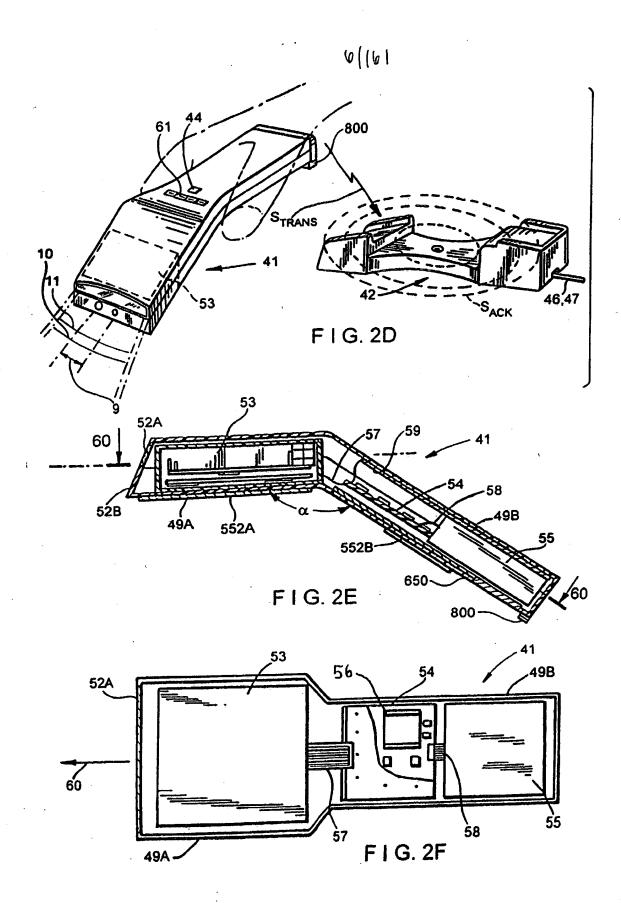


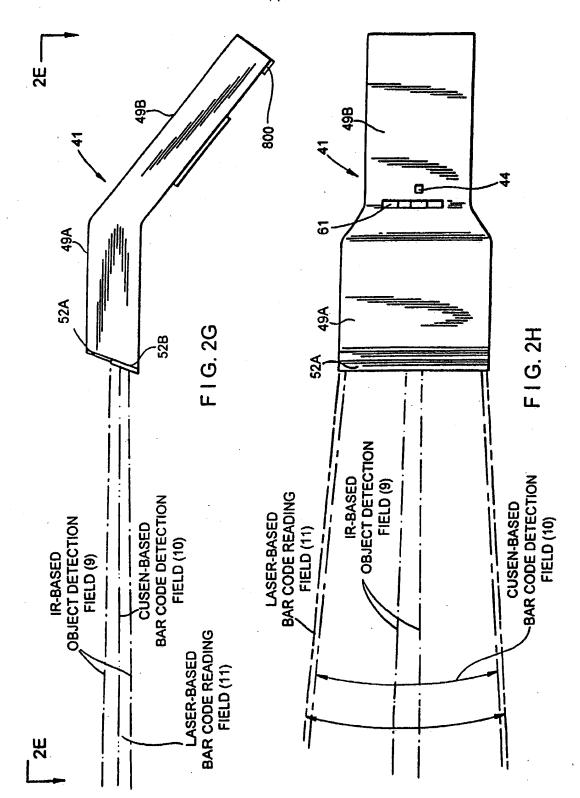


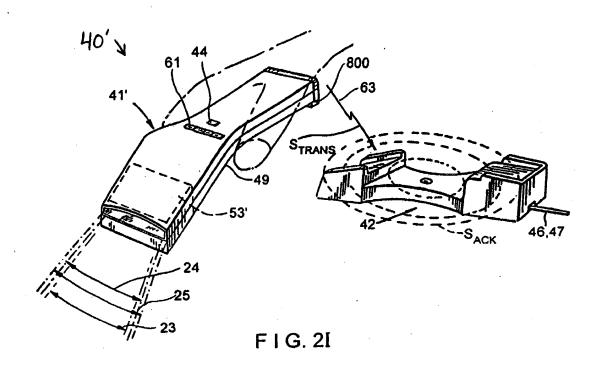


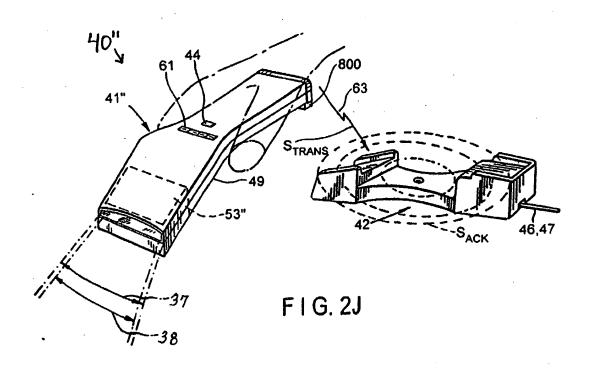


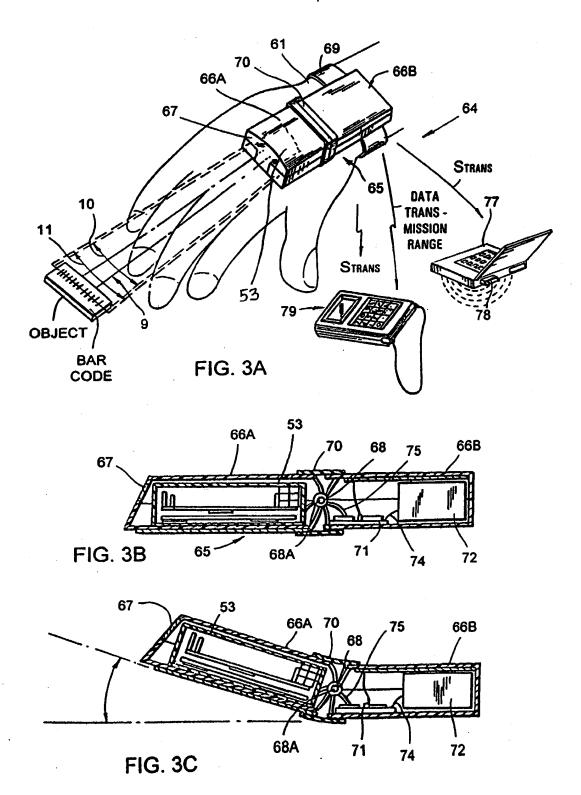
F1G. 2C

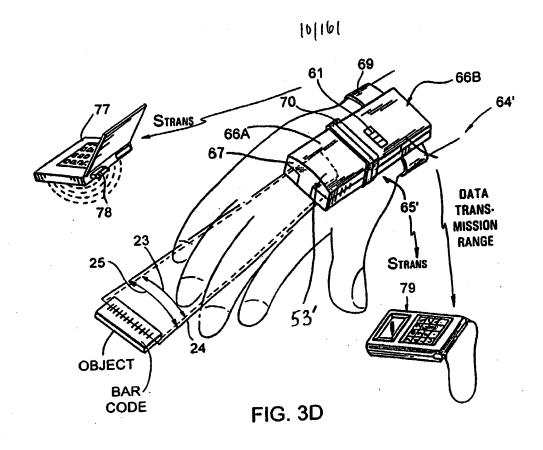


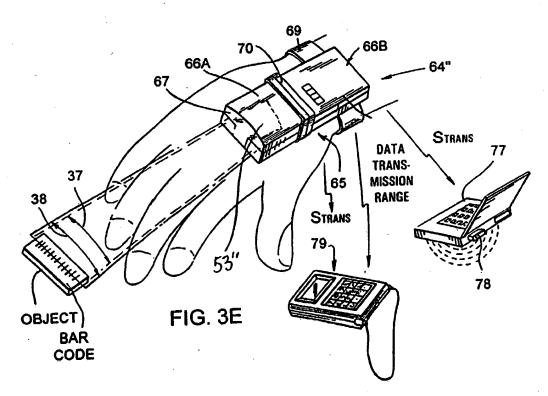


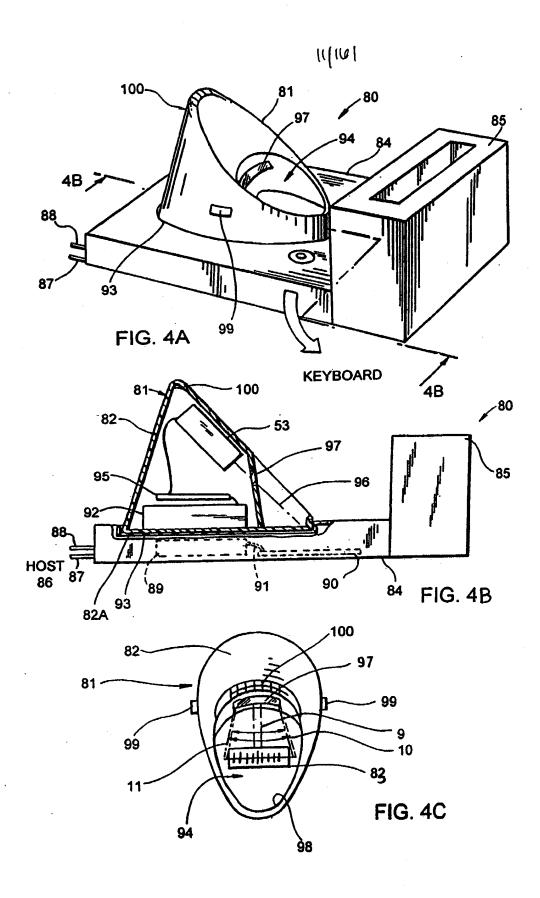


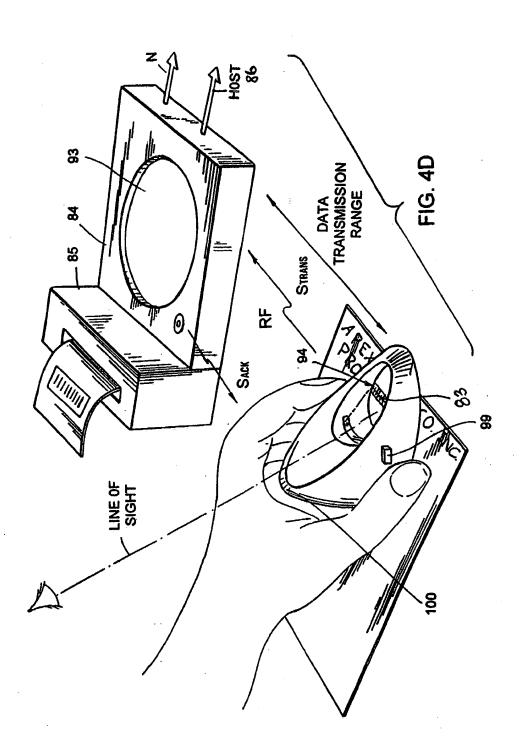












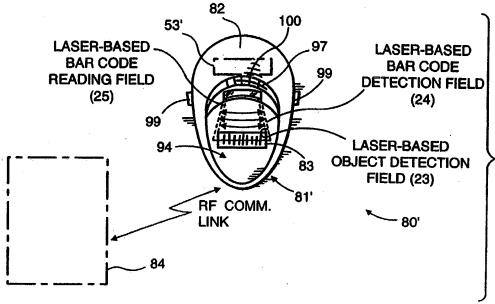


FIG. 4E

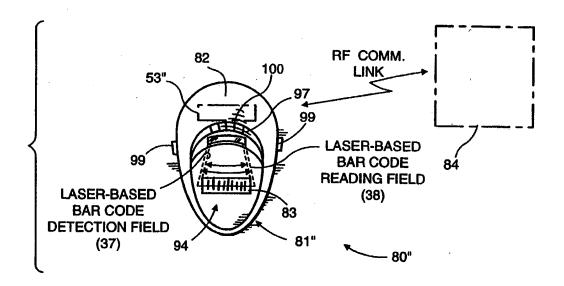


FIG. 4F

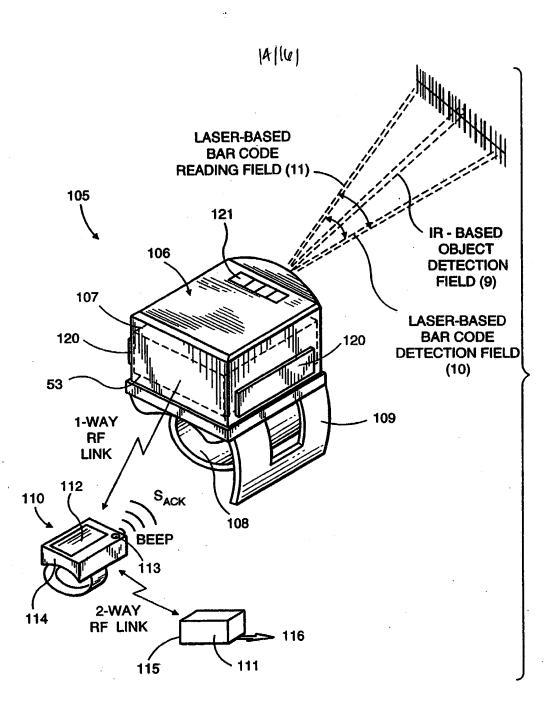
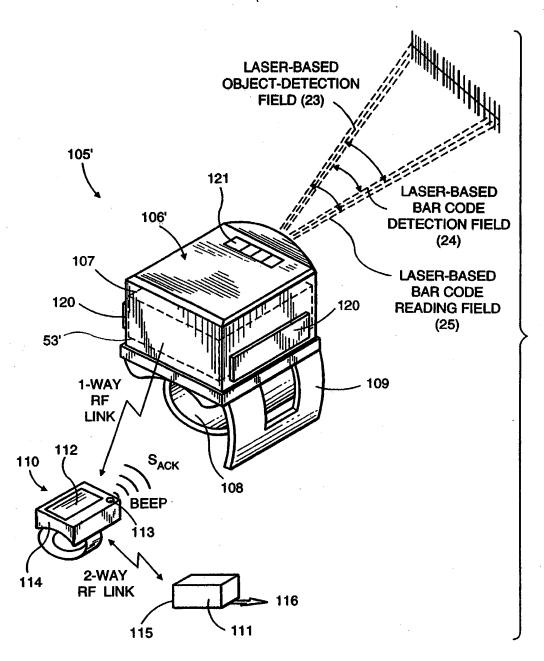
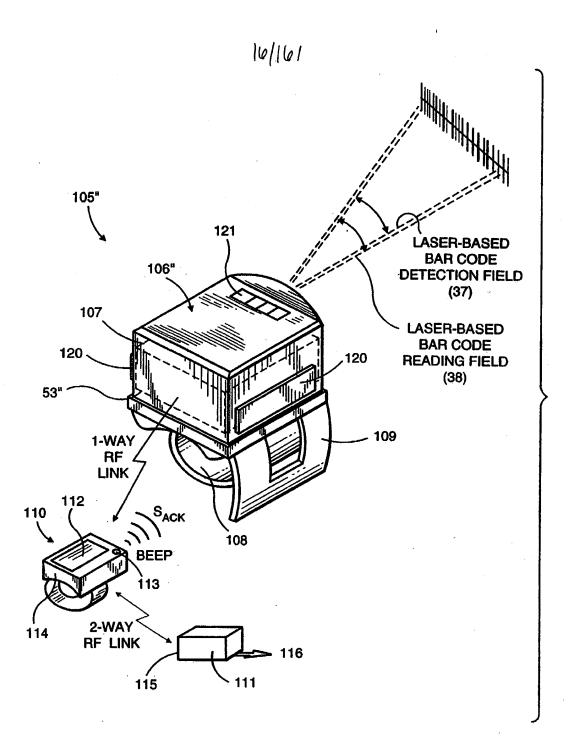


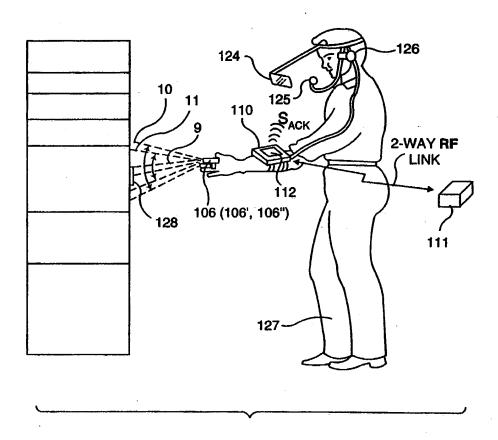
FIG. 5A



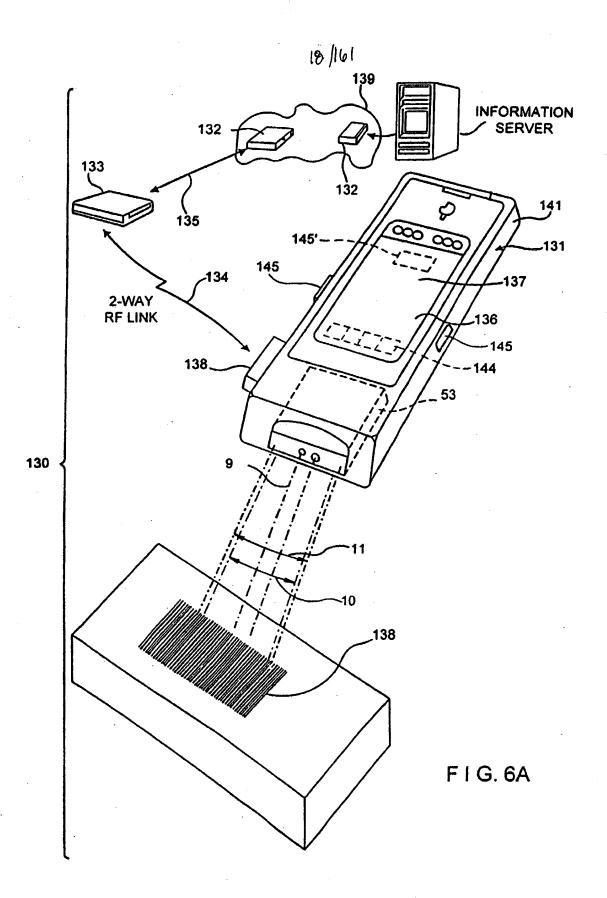
F I G. 5B

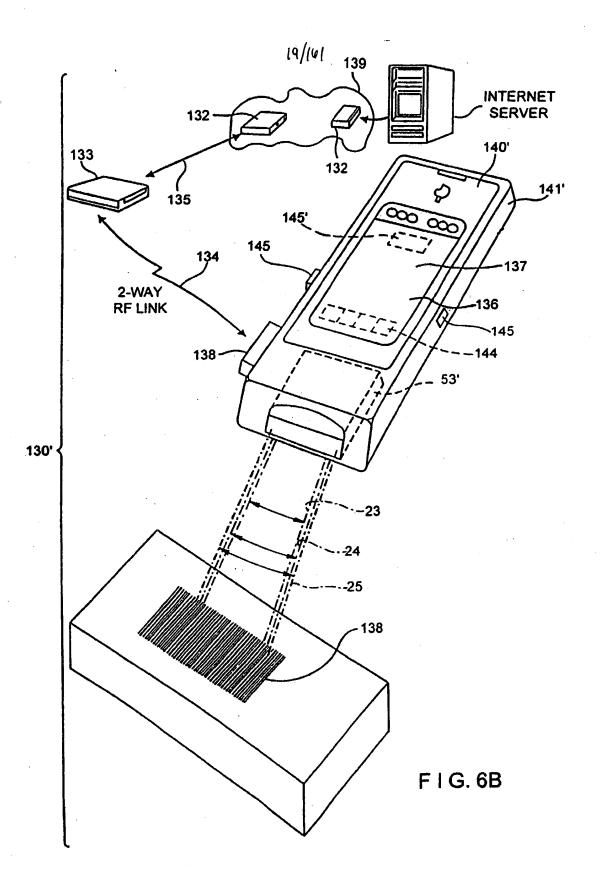


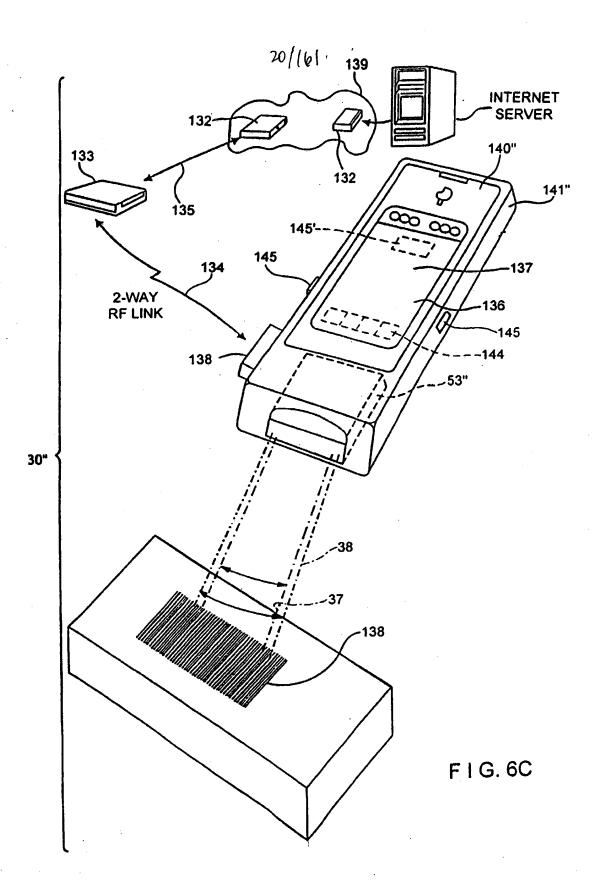
F I G. 5C



F I G. 5D







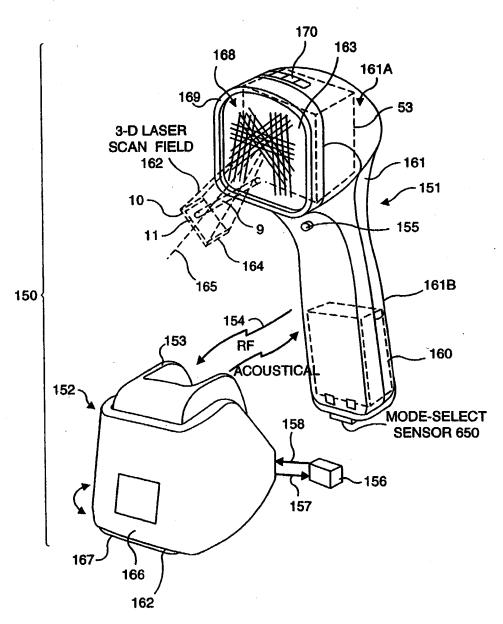
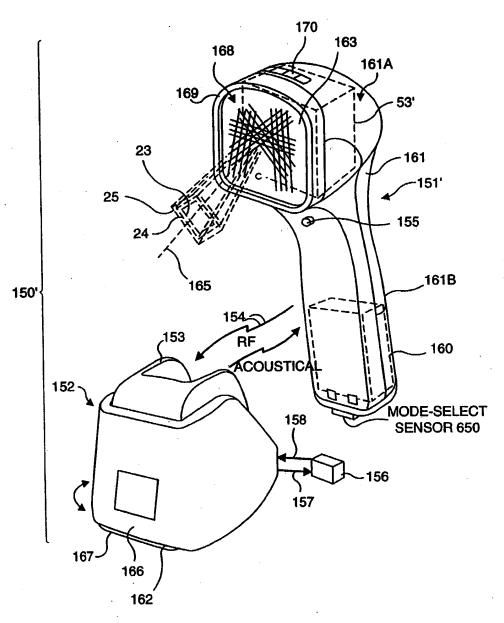
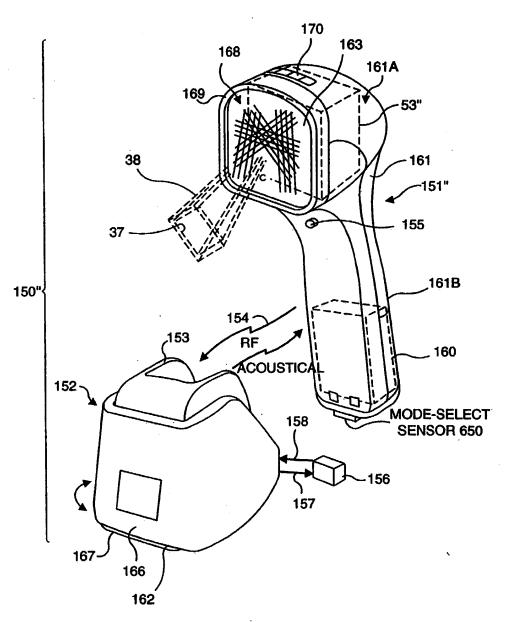


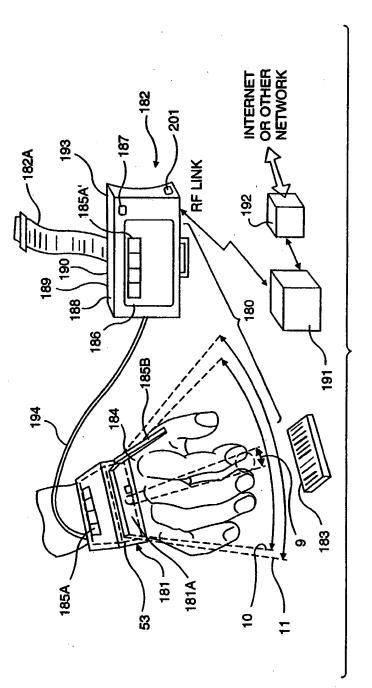
FIG. 7A



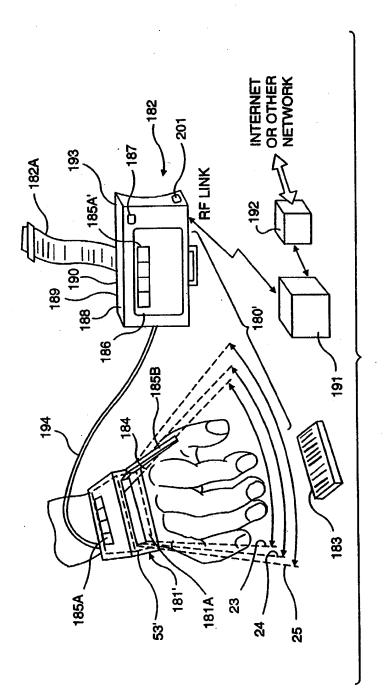
F I G. 7B



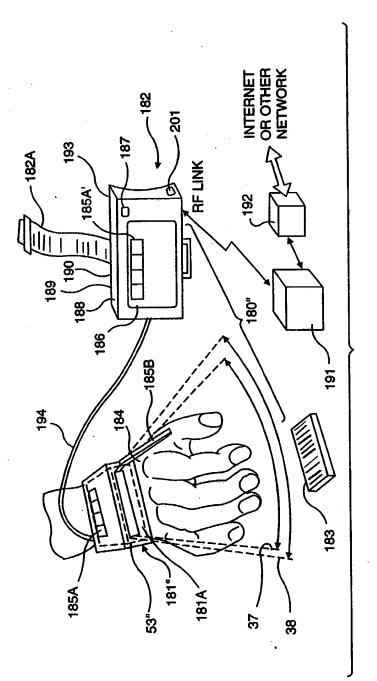
F I G. 7C



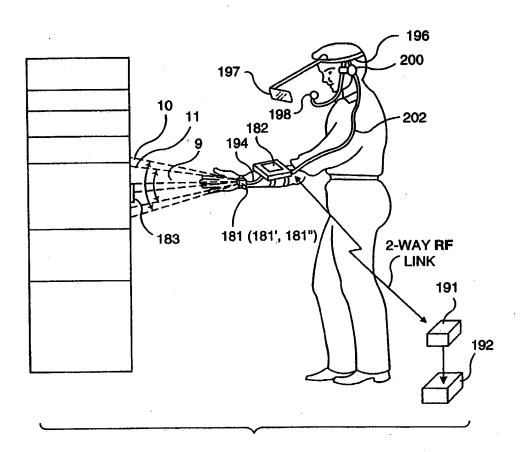
F1G.8A



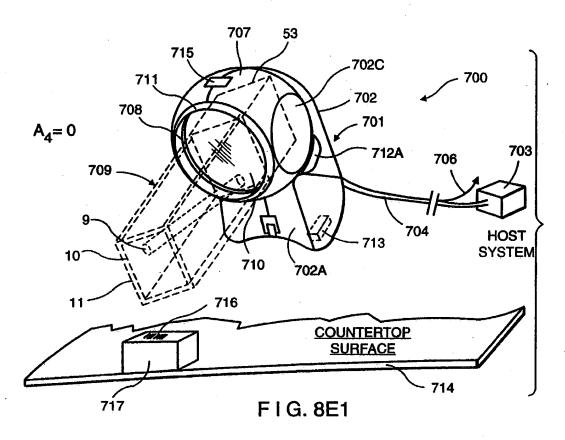
F I G. 8B

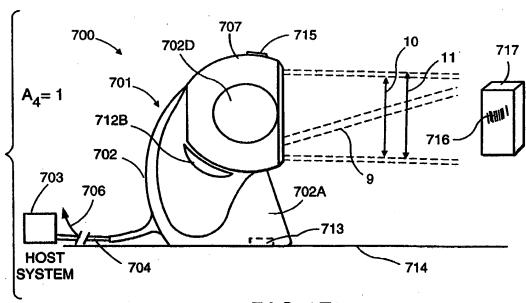


F1G.8C

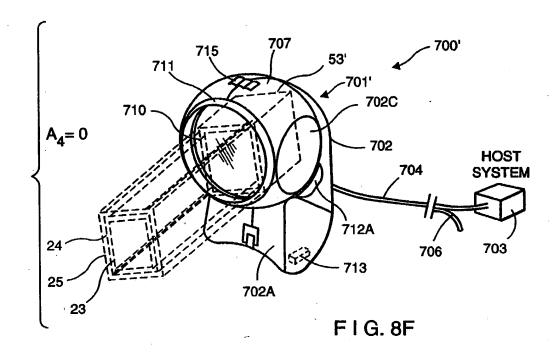


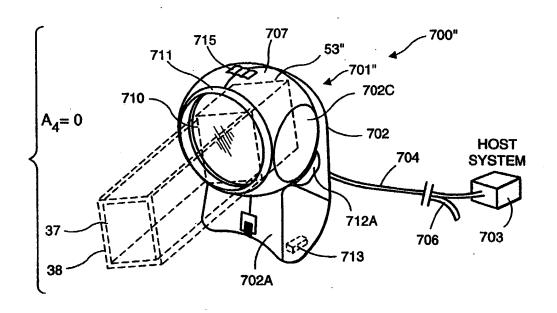
F I G. 8D





F I G. 8E2





F I G. 8G

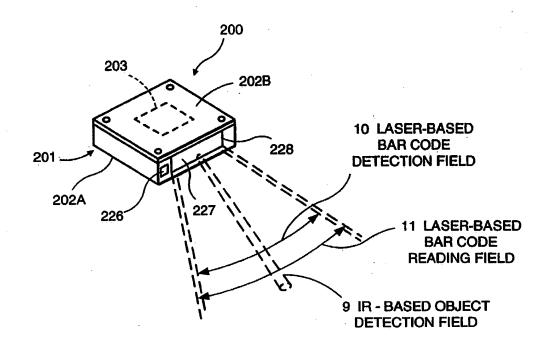
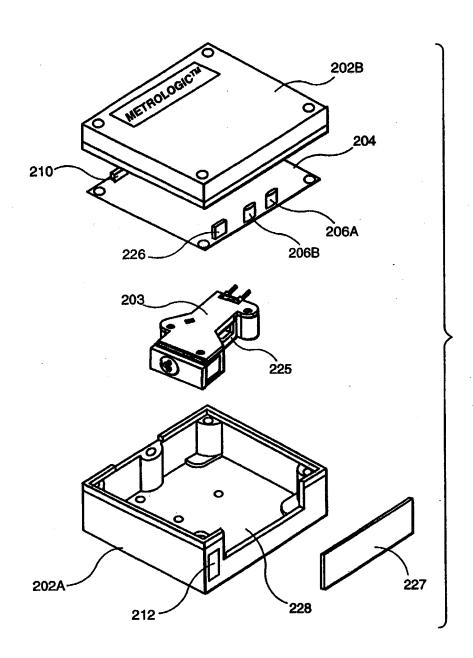
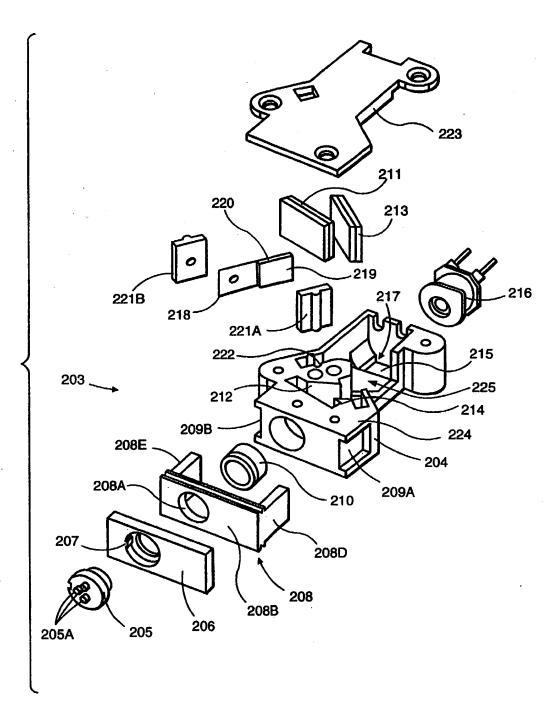


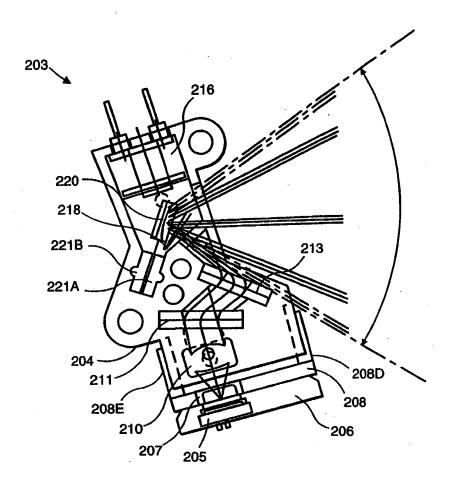
FIG. 9A



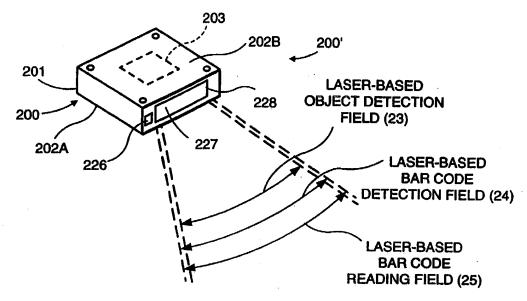
F I G. 9B



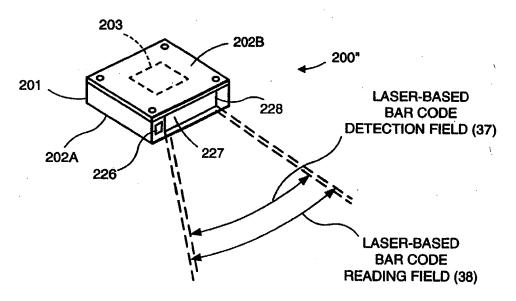
F I G. 9C



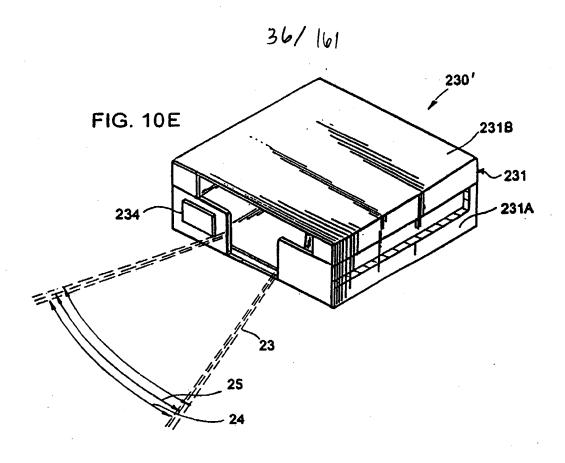
F I G. 9D

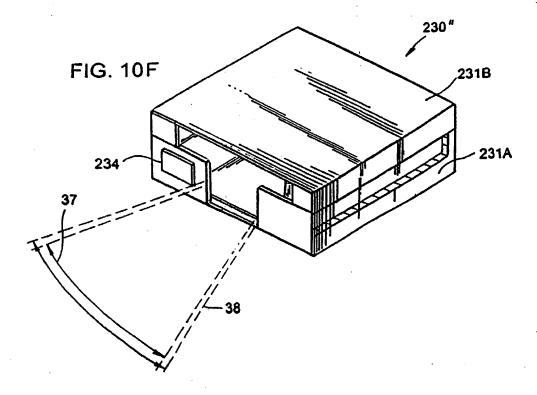


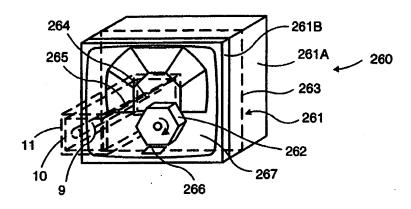
F1G. 9E



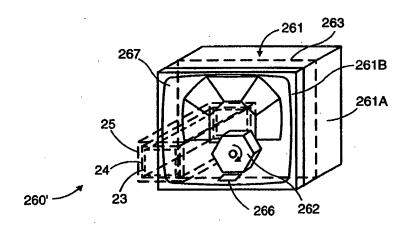
F I G. 9F



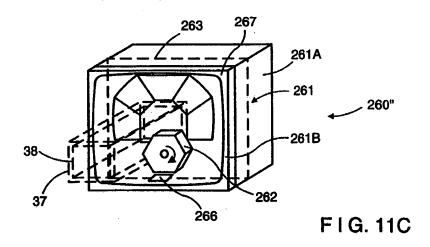


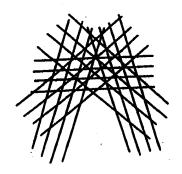


F I G. 11A

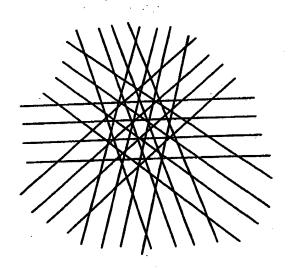


F I G. 11B



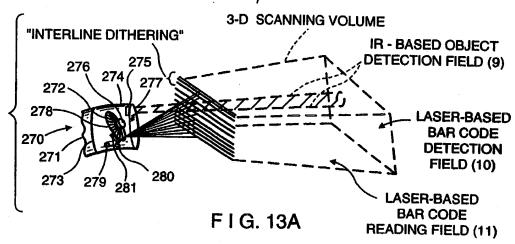


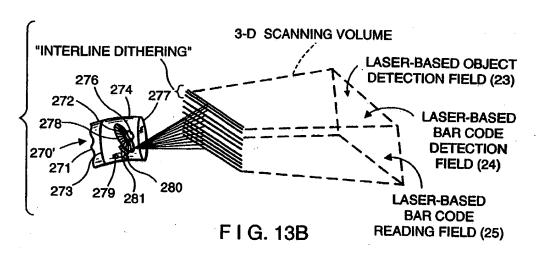
F I G. 12A

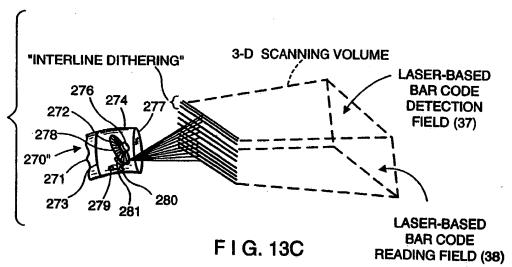


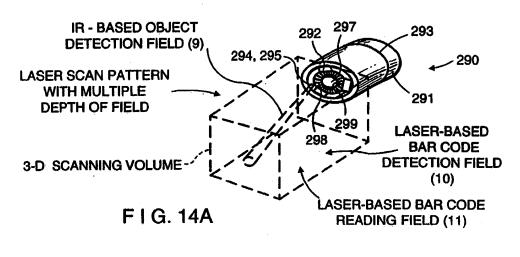
F I G. 12B

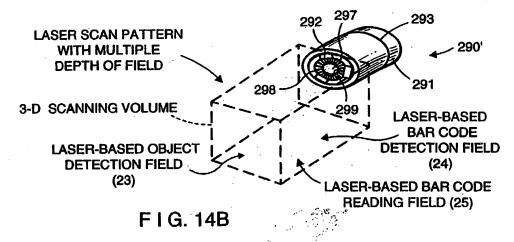


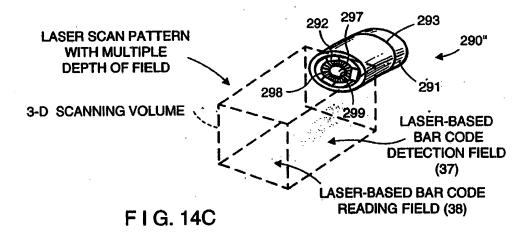


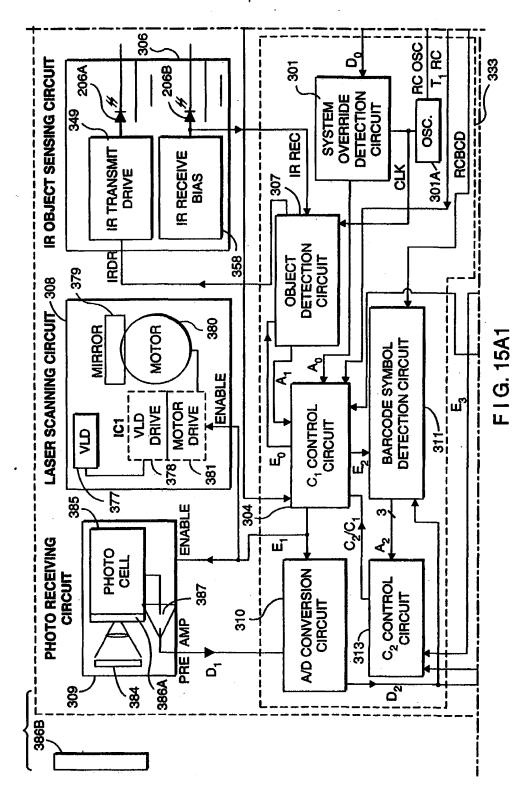


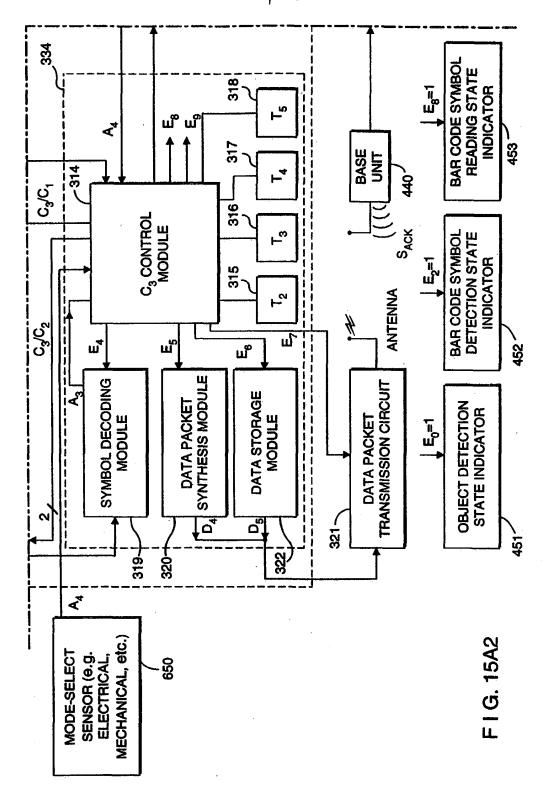












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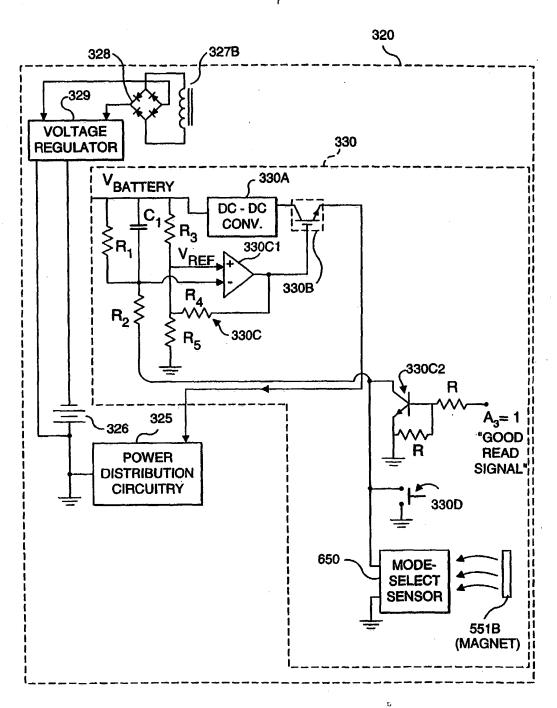
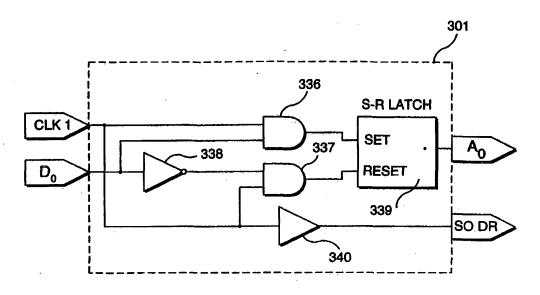
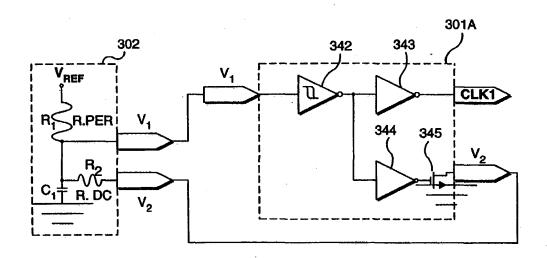


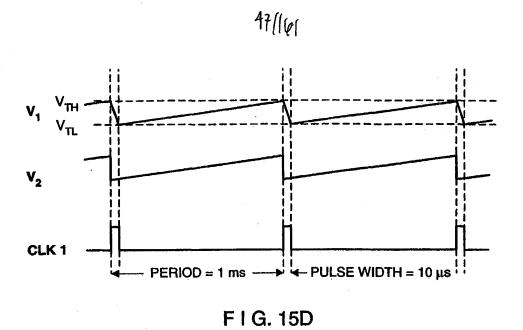
FIG. 15B1

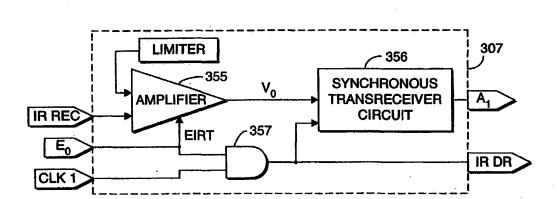


F I G. 15B2

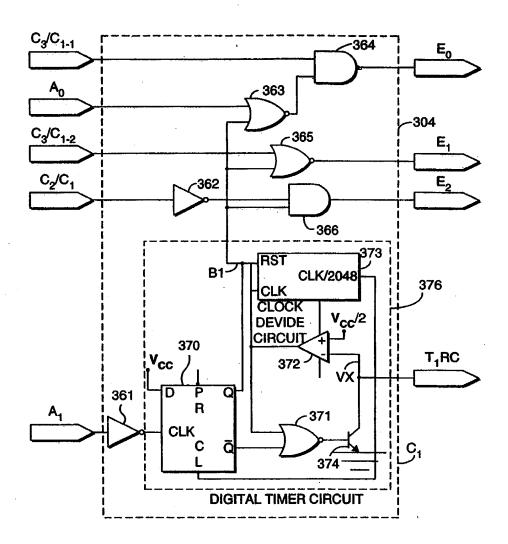


F I G. 15C

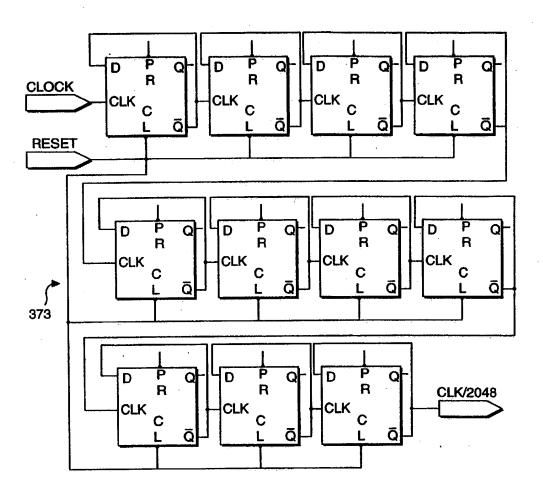




F I G. 15E



F I G. 15F

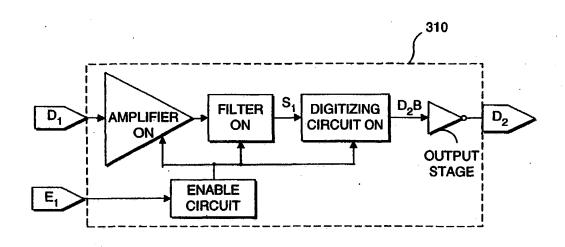


F I G. 15G

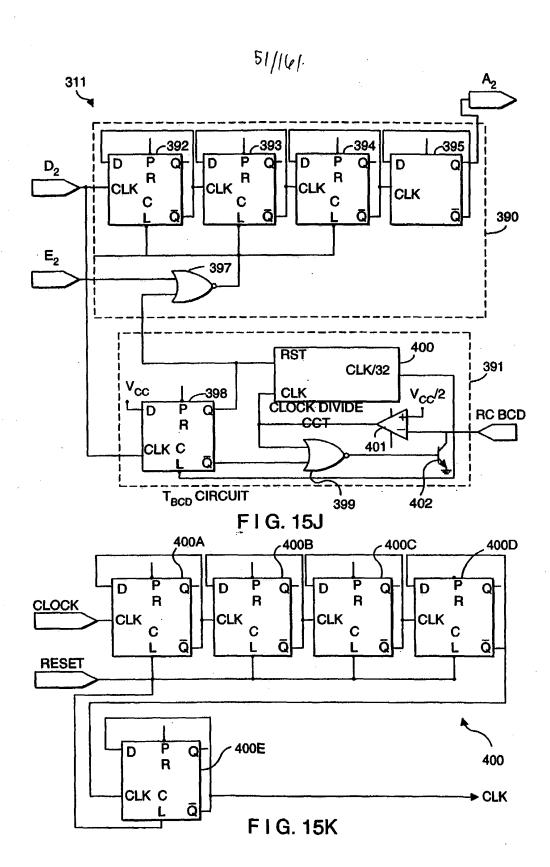
$$E_0 = (B1 + A_0)(C_3/C_{1-1})$$

$$E_1 = (C_3/C_{1-2}) + B1$$

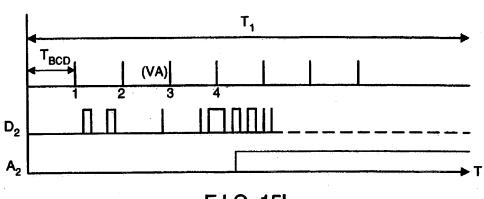
$$E_2 = (C_2/C_1)(T_1)$$
FIG. 15H



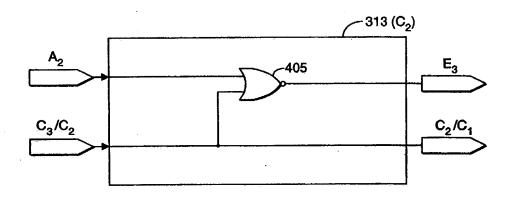
F I G. 151







F I G. 15L



F I G. 15M

C_3/C_2	A ₂	E ₃	C ₂ /C ₁
0	0	0	0
0	1	1	0
-1	х	1	1

X: DON'T CARE (I.E. $\mathrm{C_3}$ / $\mathrm{C_2}$ OVERRIDES $\mathrm{A_2}$)

F I G. 15N

_3	20 _32	1 _322	323	324	-325	326
START OF PACKET FIELD	TRANSMI TTER ID NUMBER FIELD	PACKET GROUP NUMBER FIELD	DATA PACKET NUMBER FIELD	SYMBOL CHARAC TER DATA FIELD	ERROR CODE CORREC TION FIELD	END OF PACKET FIELD

FIG. 150

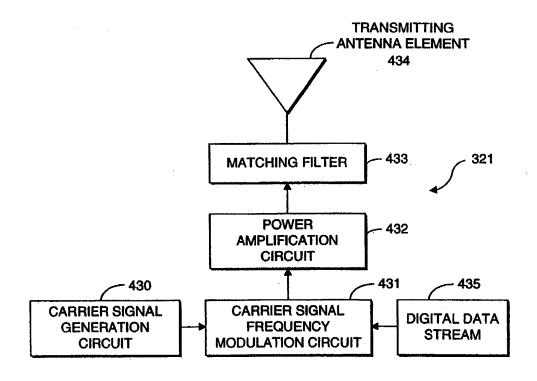
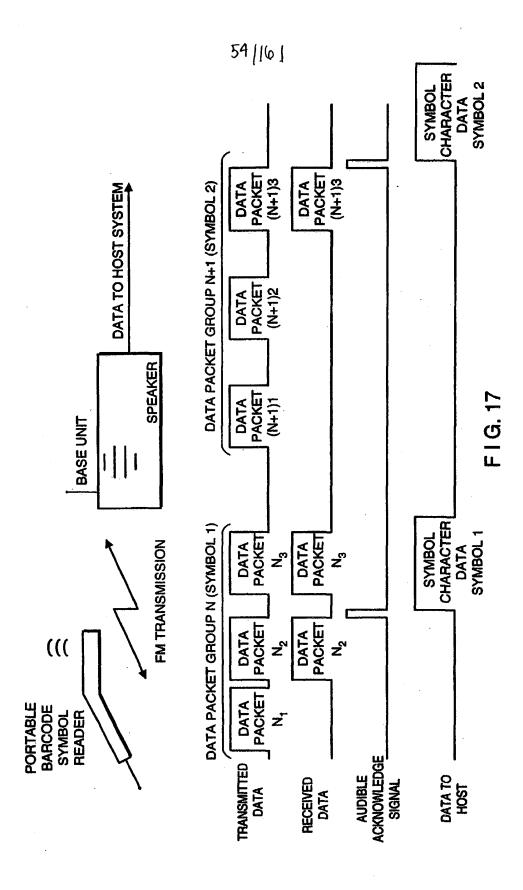
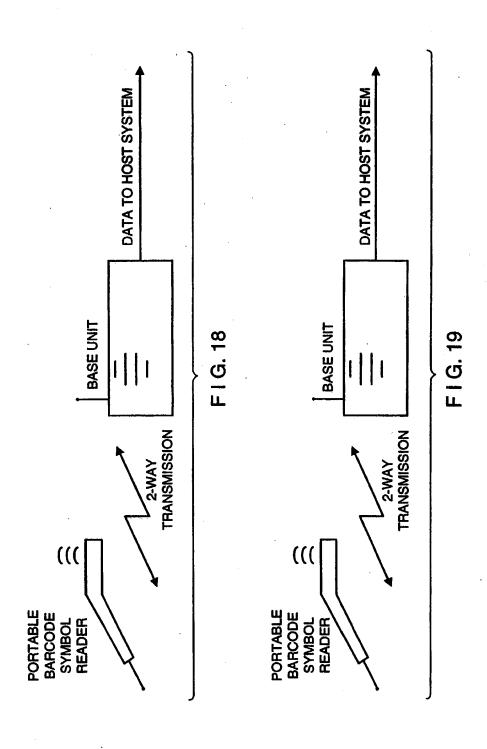
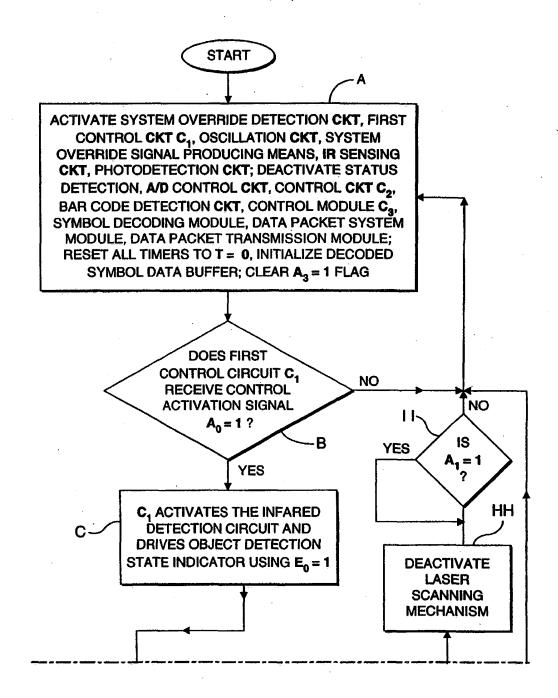


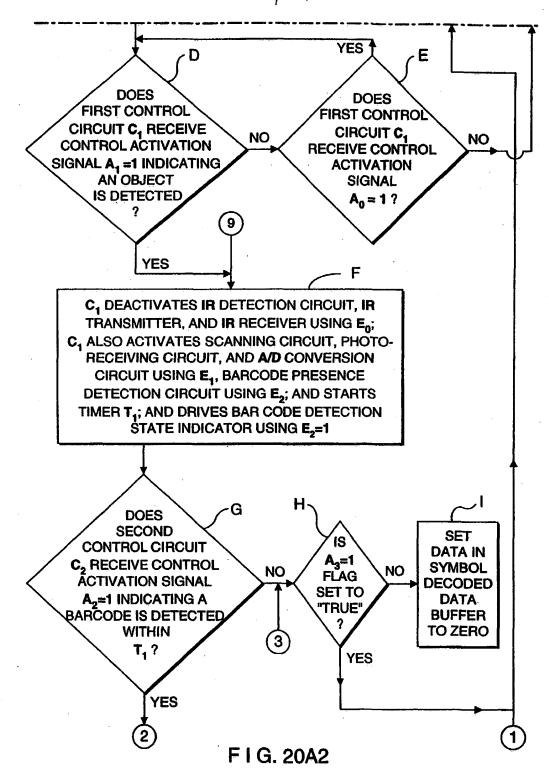
FIG. 16

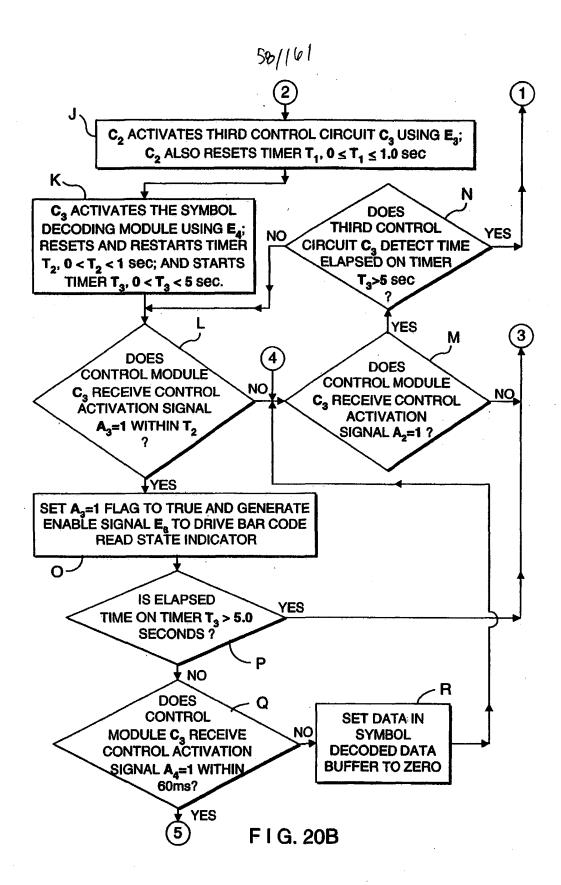


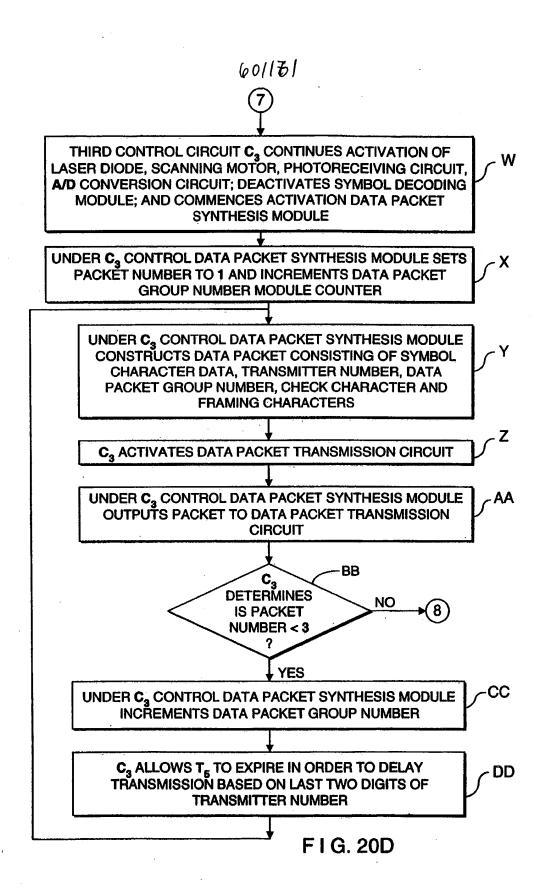




F I G. 20A1







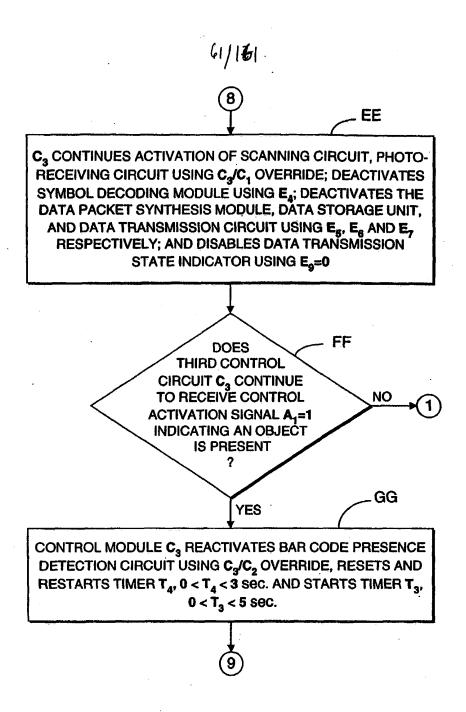


FIG. 20E

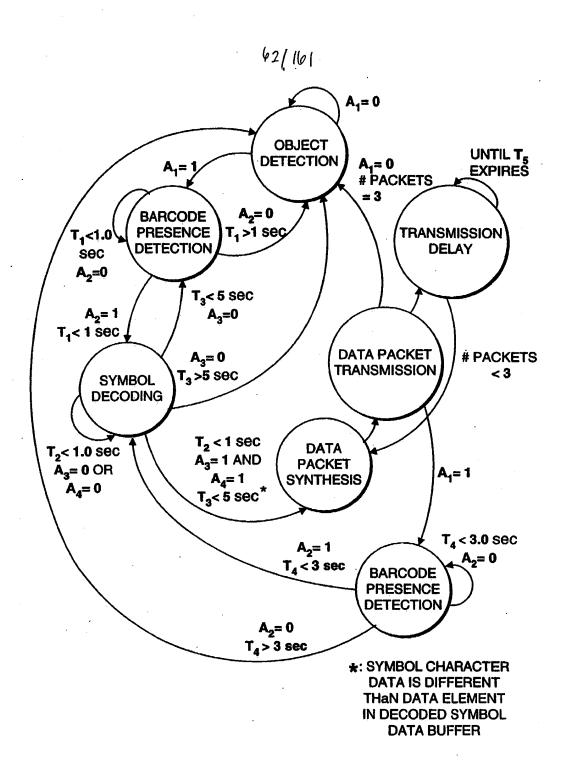
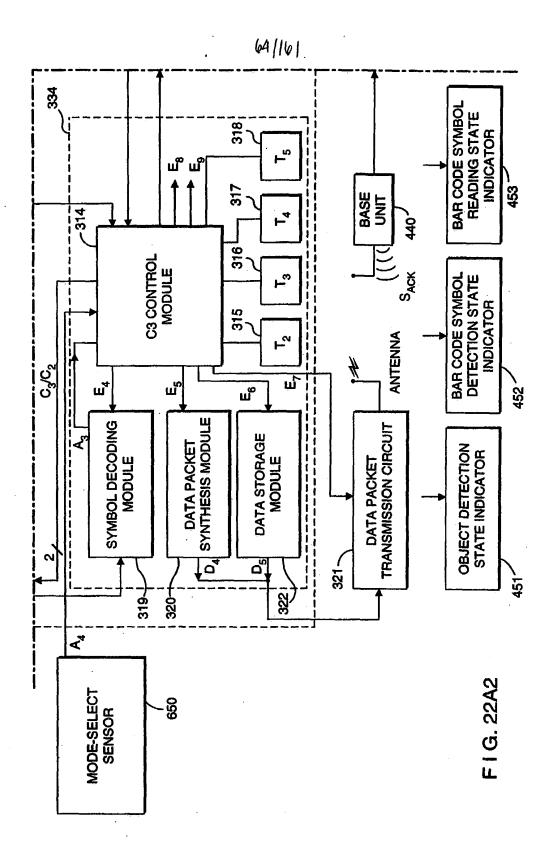
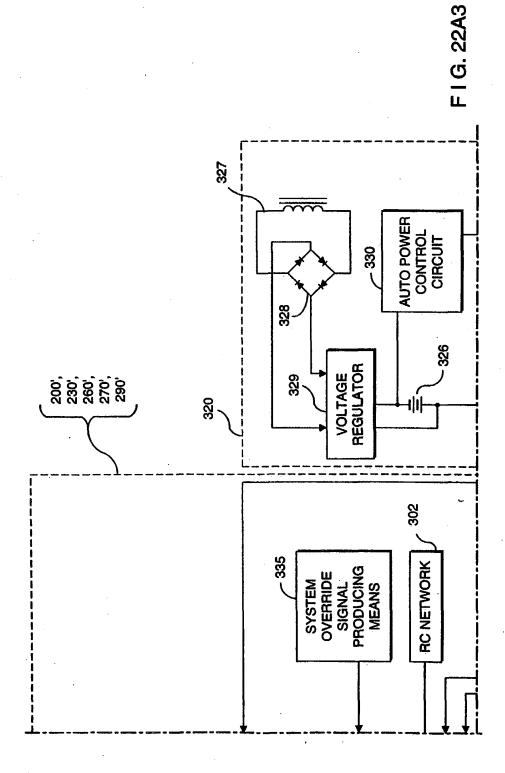
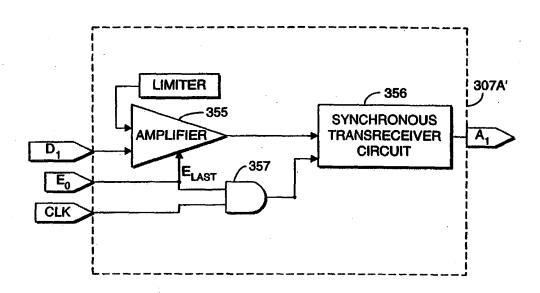


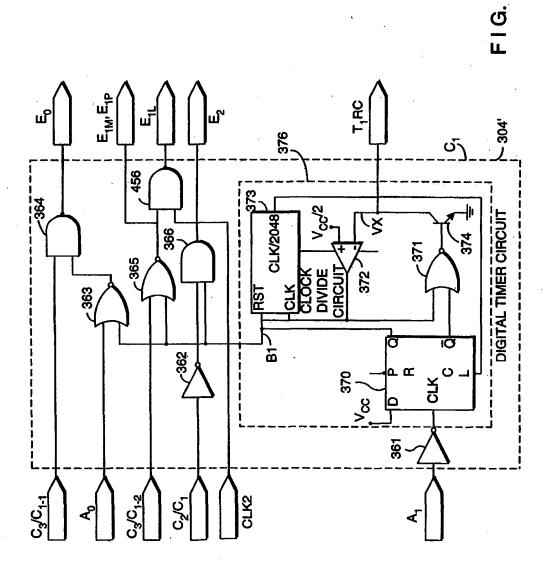
FIG. 21







F I G. 22B



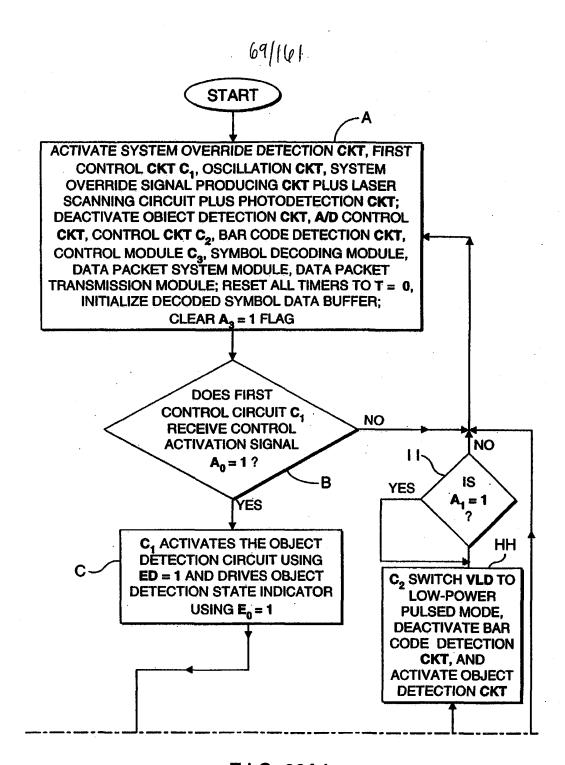
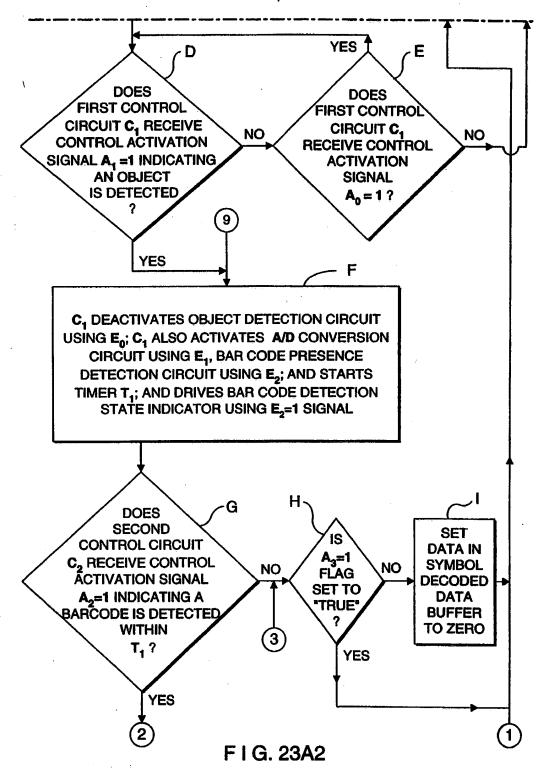
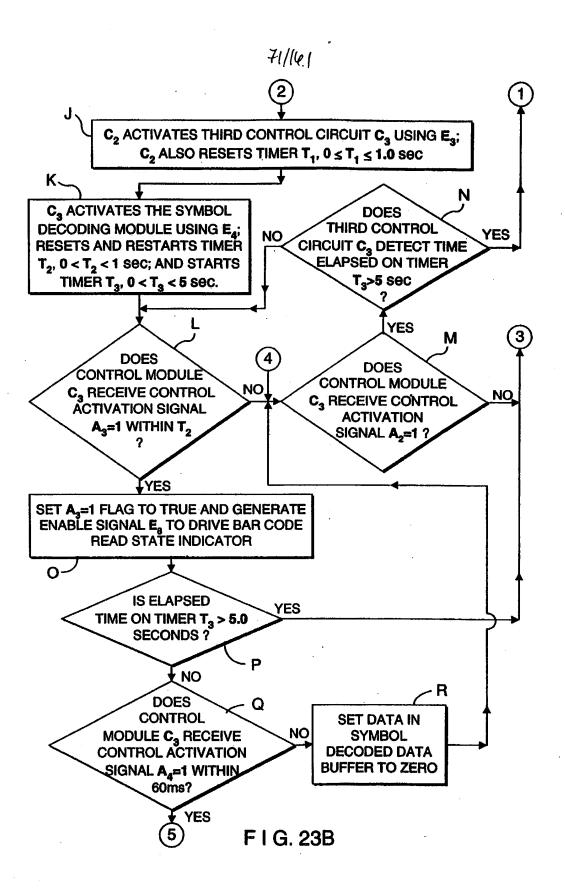
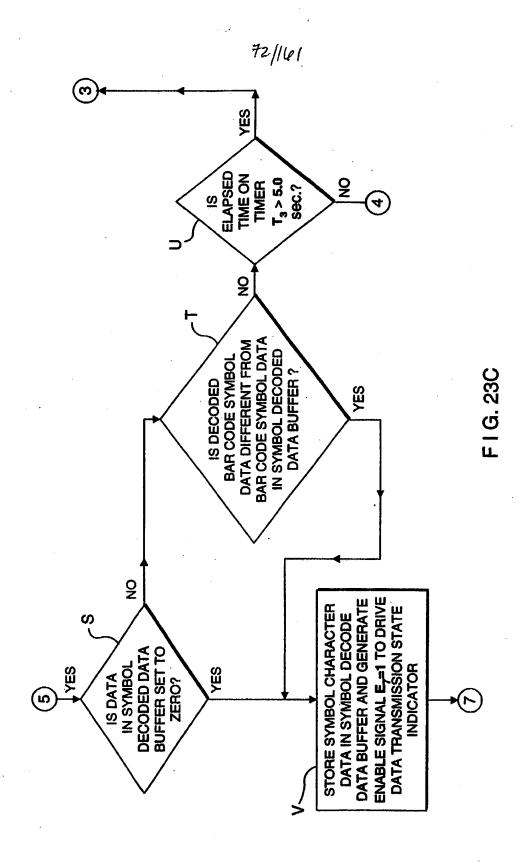
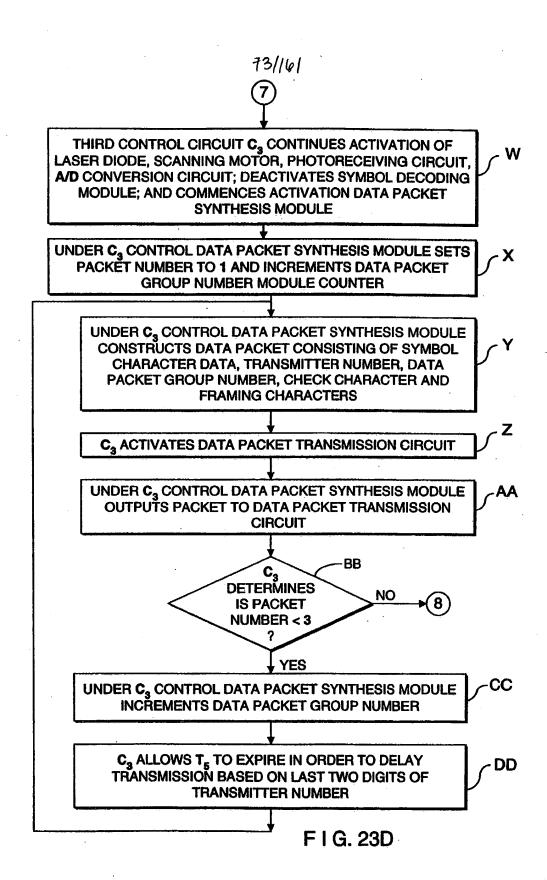


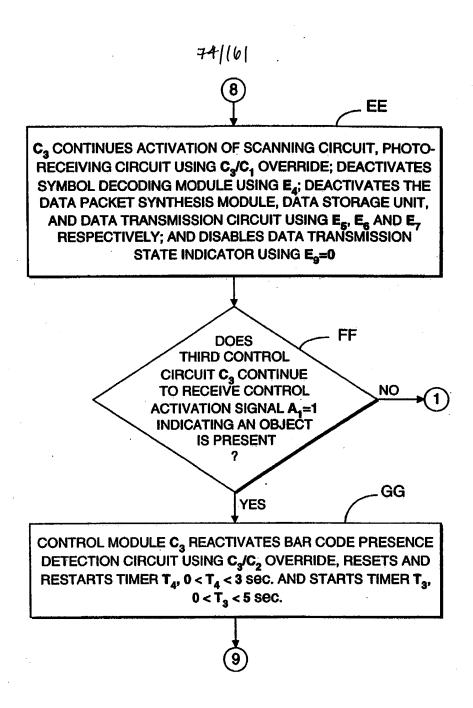
FIG. 23A1











F I G. 23E

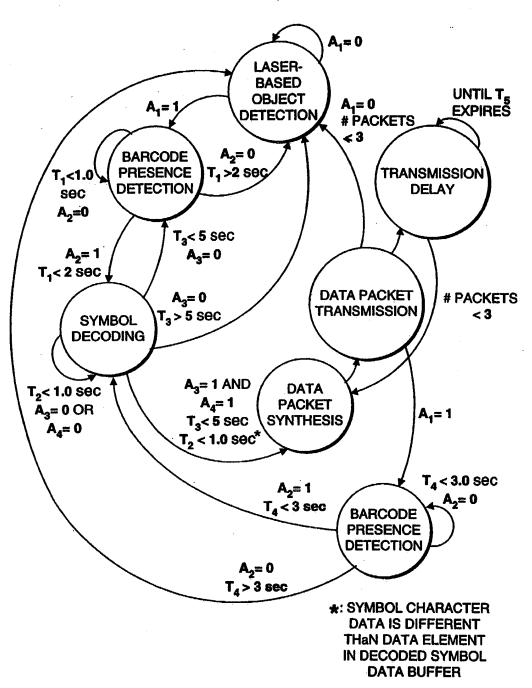
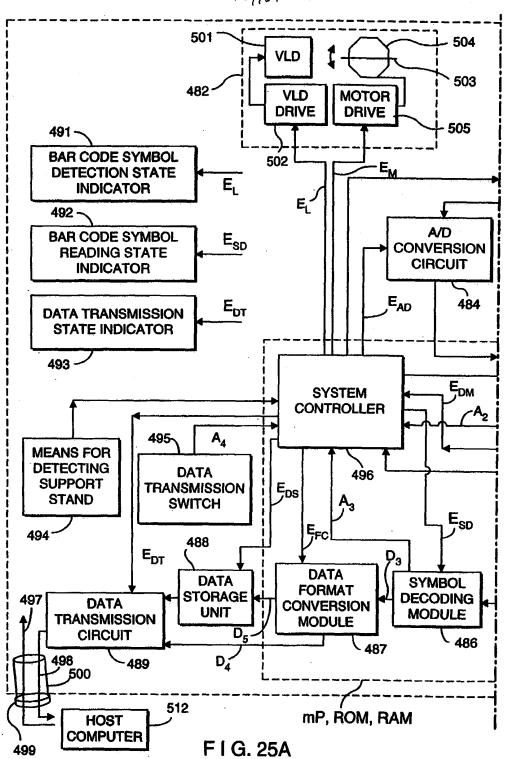
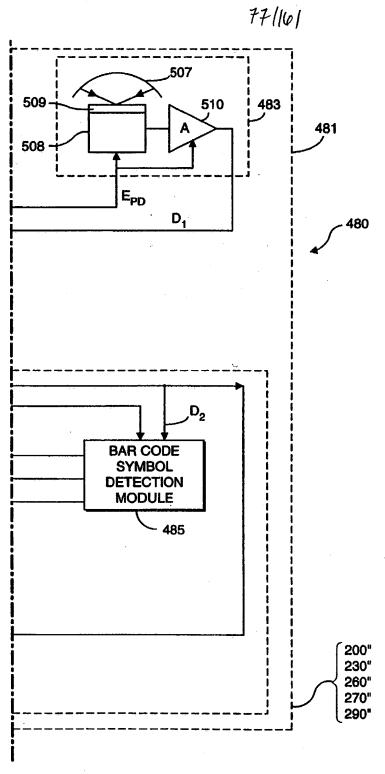


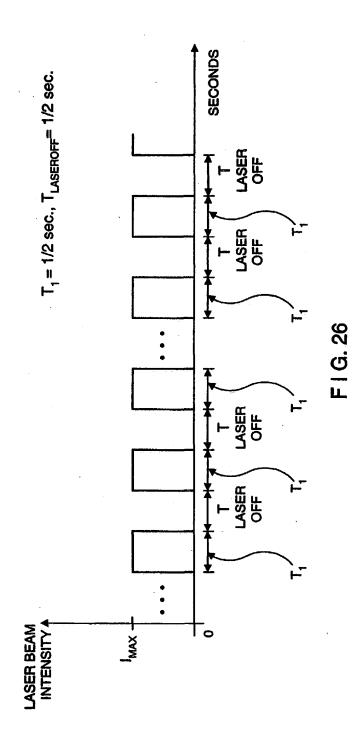
FIG. 24

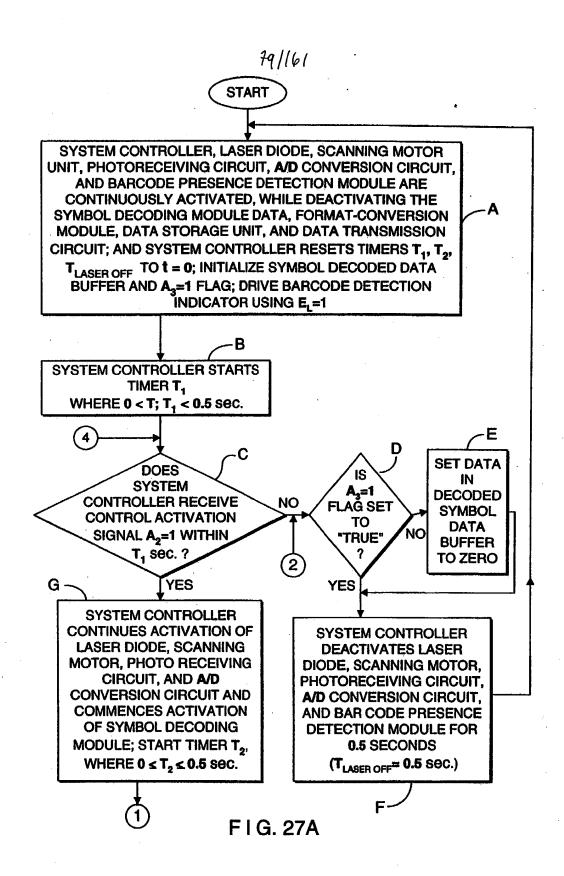
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F I G. 25B





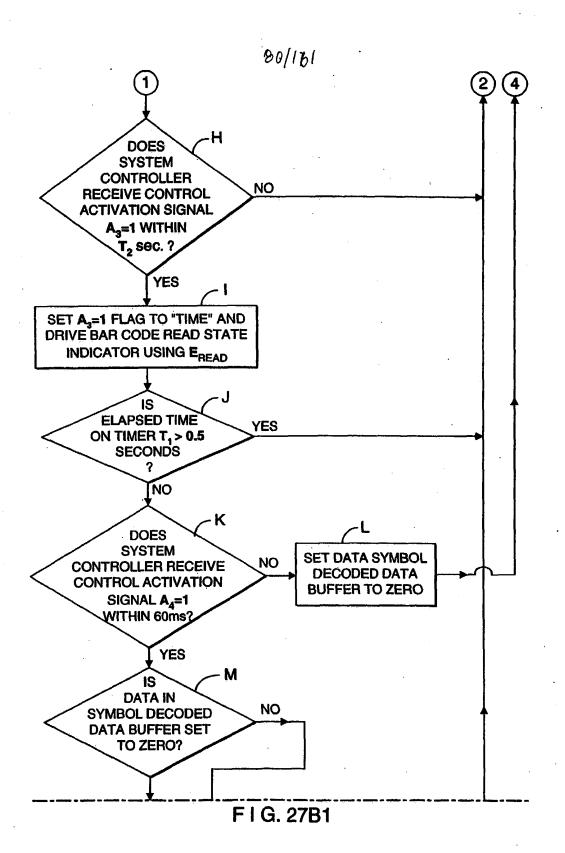


FIG. 27B2

SYSTEM CONTROLLER CONTINUES ACTIVATION OF LASER DIODE, SCANNING MOTOR, PHOTORECEIVING CIRCUIT, A/D CONVERSION CIRCUIT; DEACTIVATES SYMBOL DECODING MODULE; AND COMMENCES ACTIVATION OF DATA FORMAT CONVERSION MODULE AND DATA TRANSMISSION MODULE (AND/OR DATA STORAGE MODULE); DRIVE DATA TRANSMISSION STATE INDICATOR WITH Ept=1 TRANSMIT SYMBOL CHARACTER DATA TO HOST DEVICE (E.G. COMPUTER, CASH REGISTER, ETC.) OR OTHER STORAGE (PROCESSING DEVICE); DRIVE DATA R TRANSMISSION STATE INDICATOR USING Ent=1, AND DISABLE BAR CODE READ INDICATOR USING E_{SD}=0 SYSTEM CONTROLLER DEACTIVATES DATA FORMAT CONVERSION MODULE, DATA TRANSMISSION MODULE (AND **DATA STORAGE MODULE)**

FIG. 27C

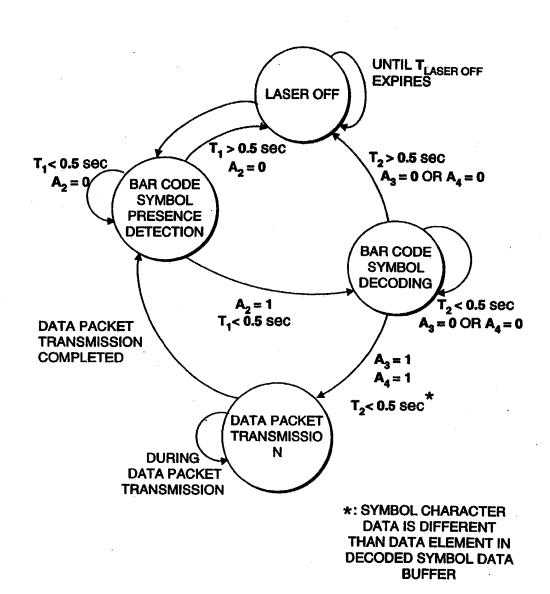
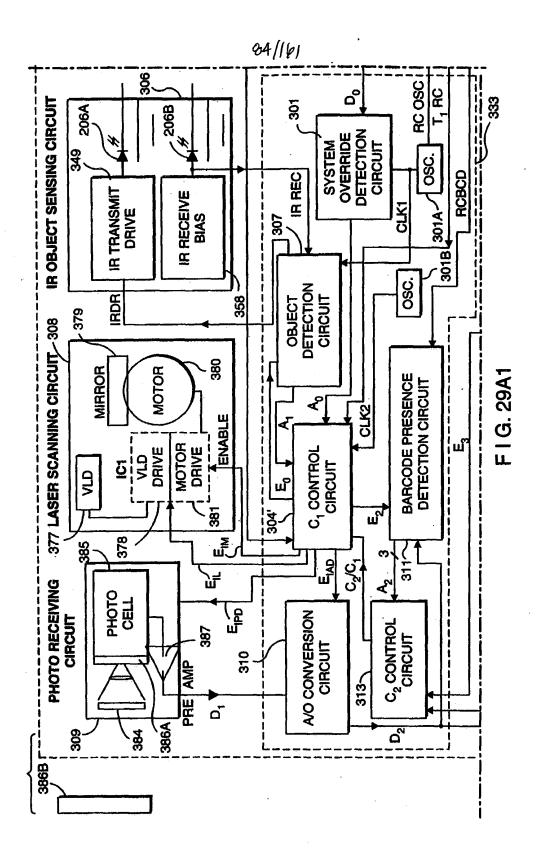
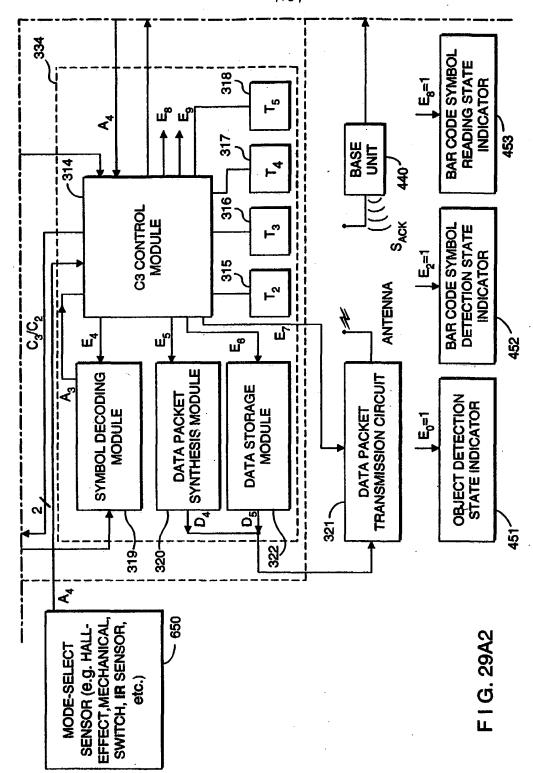
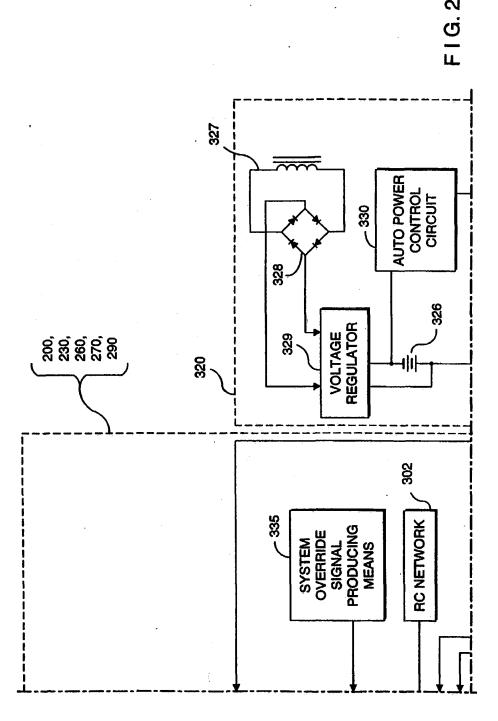
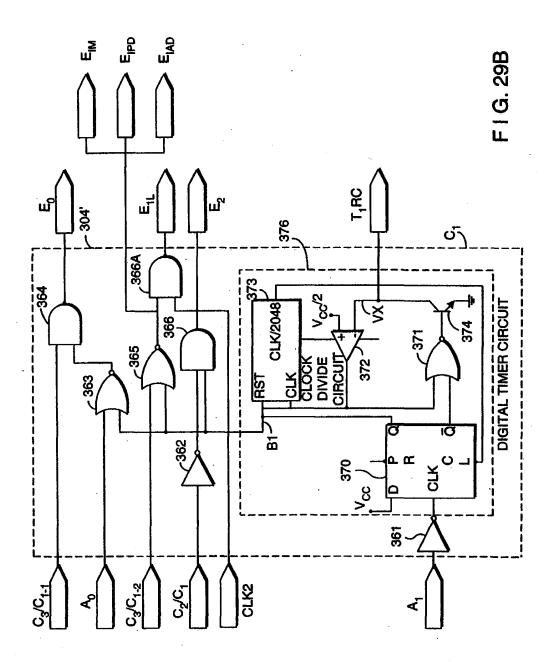


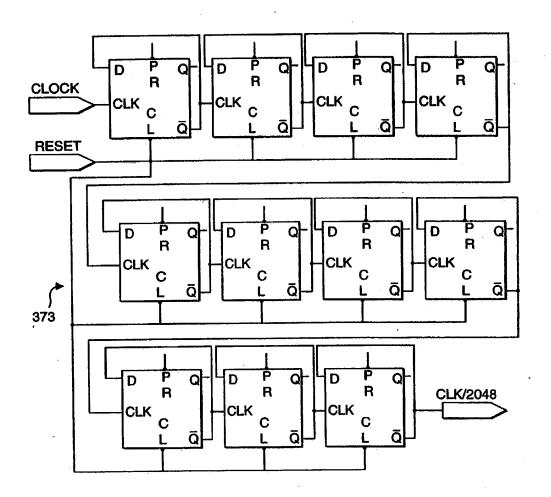
FIG. 28











F I G. 29C

$$E_{0} = \overline{(B1 + A_{0})(C_{3}/C_{1-1})}$$

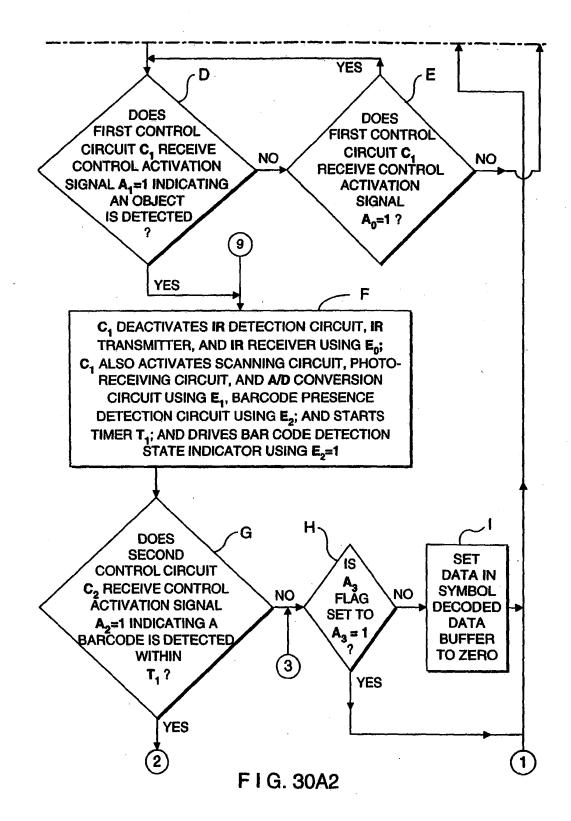
$$E_{IM} = E_{IPD} = E_{IAD} = \overline{(C_{3}/C_{1-2}) + B1}$$

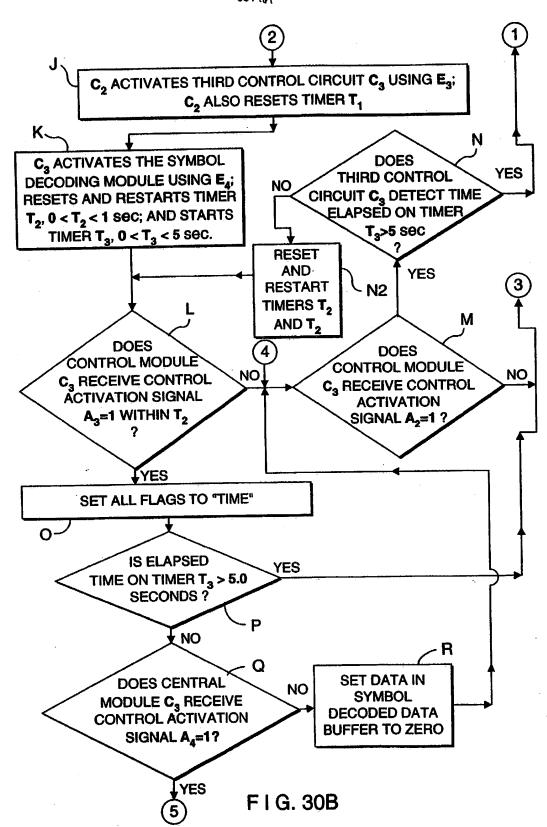
$$E_{L} = \overline{(C_{3}/C_{1-1}) + B1} [B2]$$

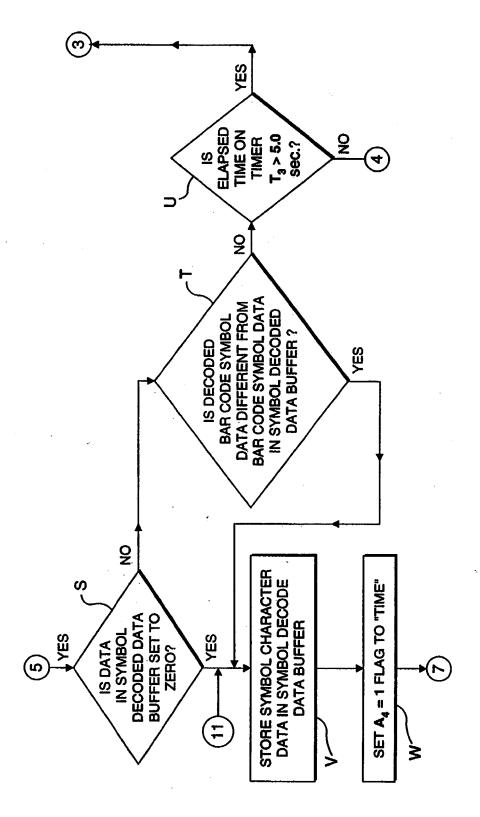
$$E_{2} = \overline{(C_{2}/C_{1})(B1)}$$

F I G. 29D

FIG. 30A1







F I G. 30C

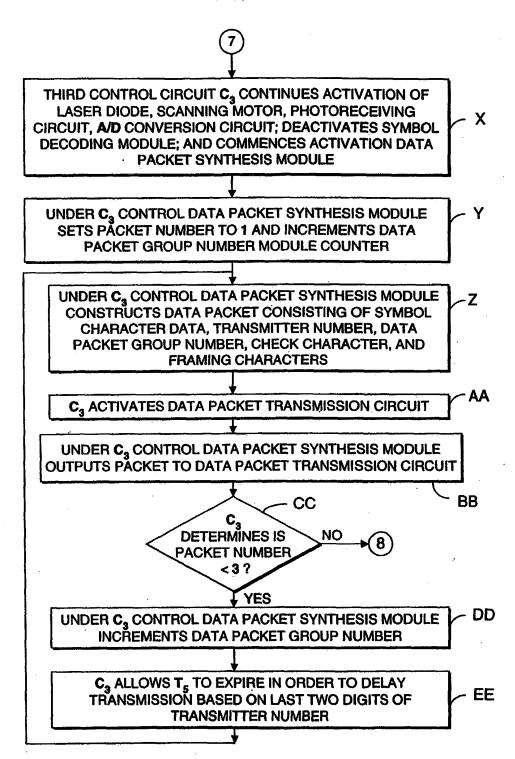


FIG. 30D

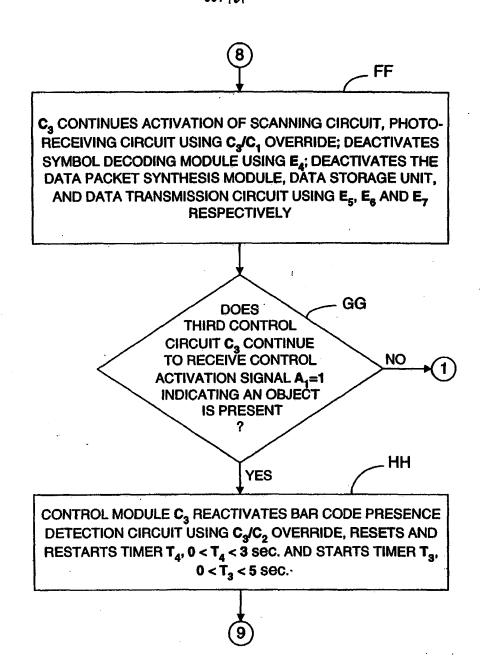
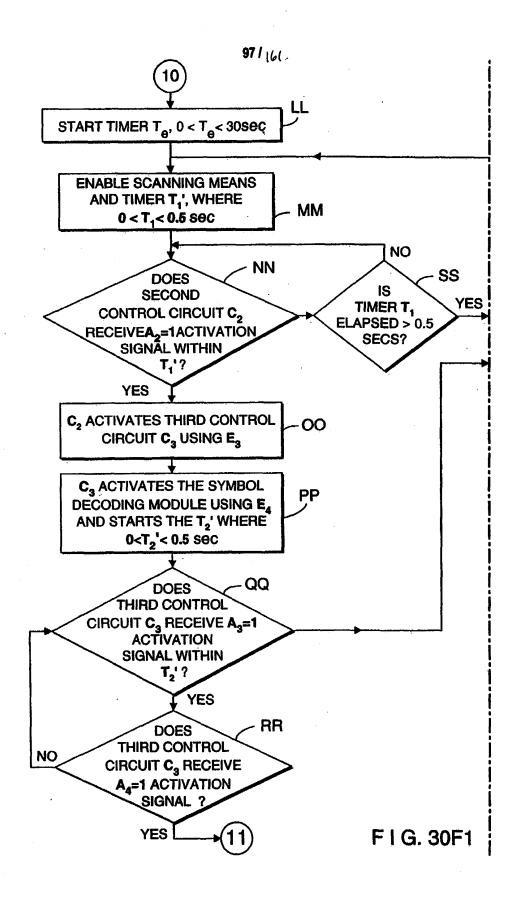
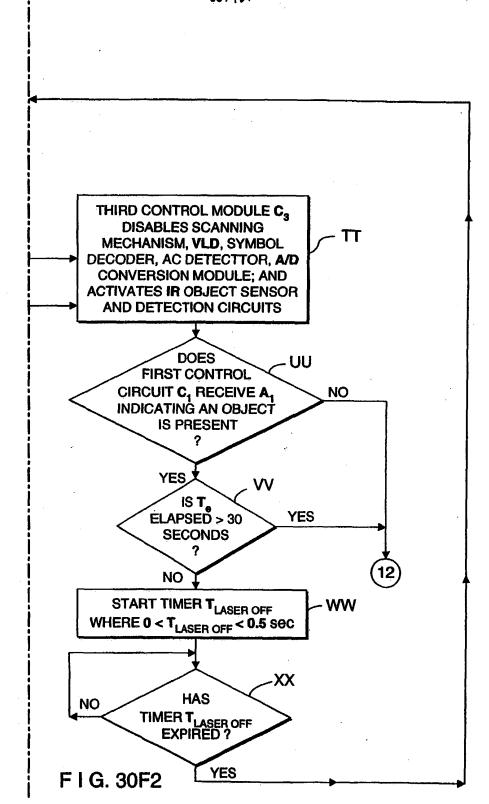


FIG. 30E





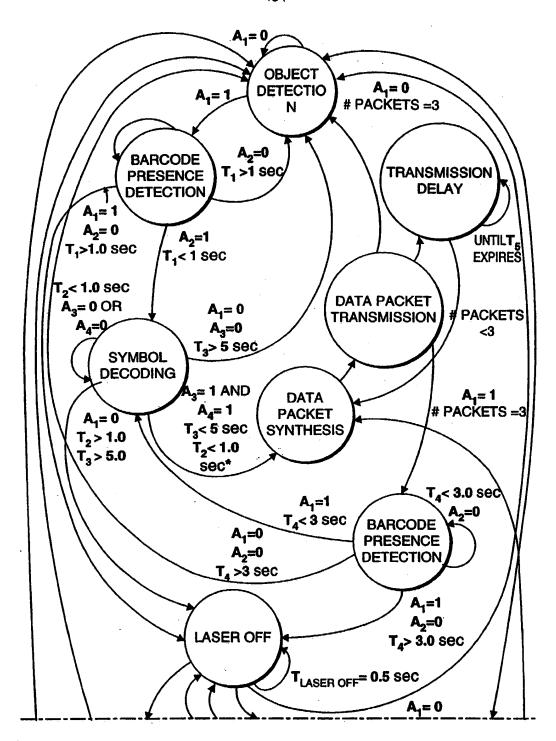


FIG. 31A

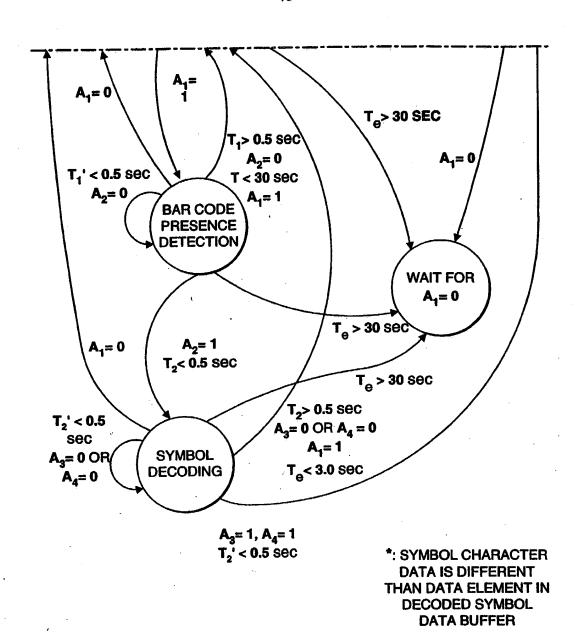


FIG. 31B

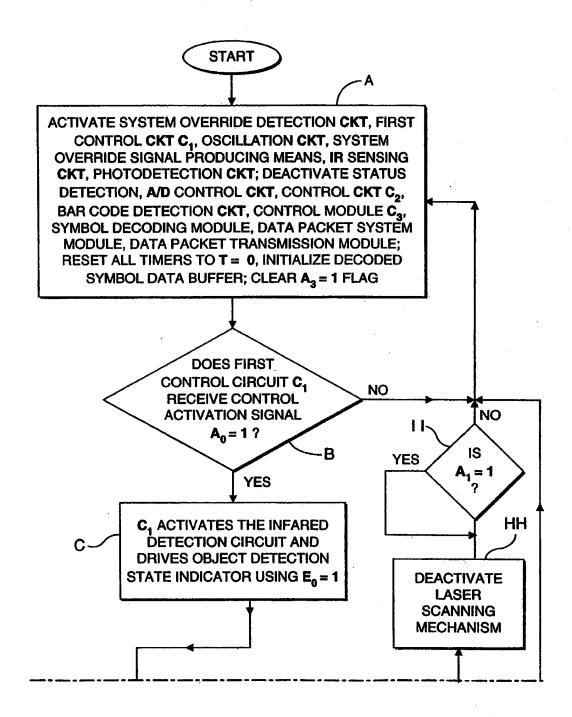
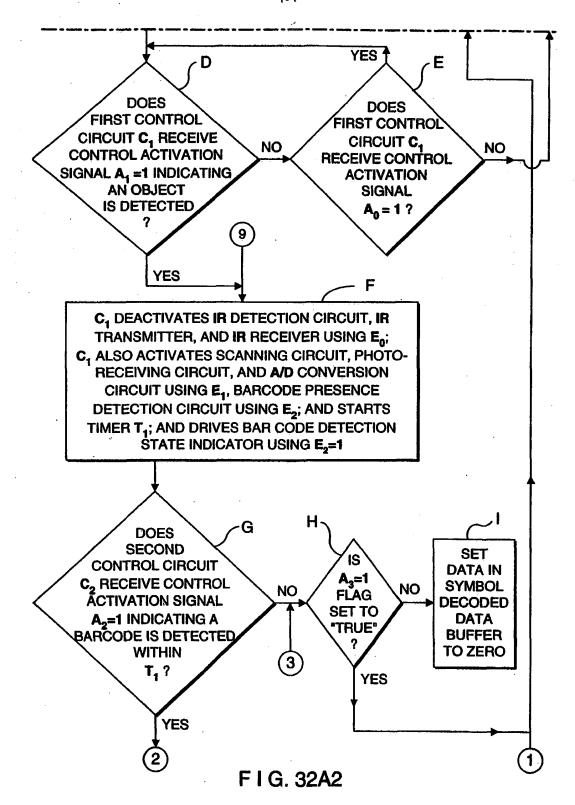
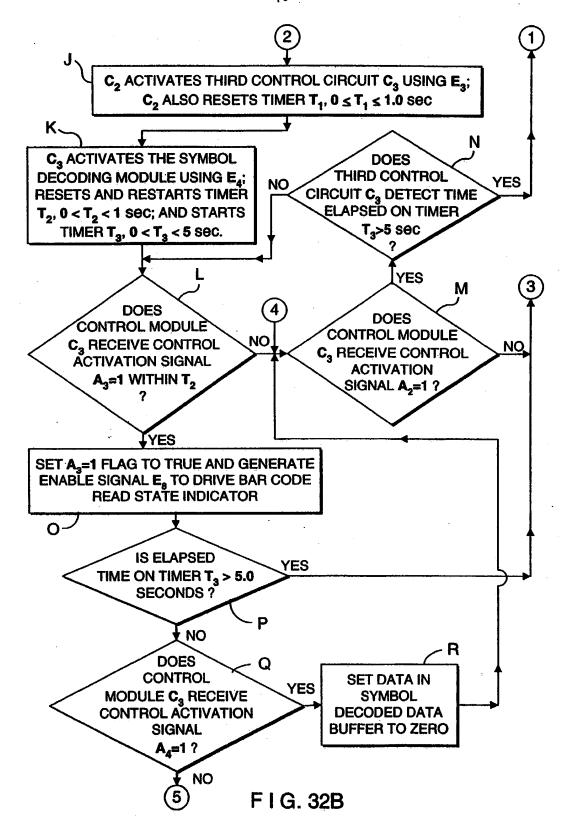
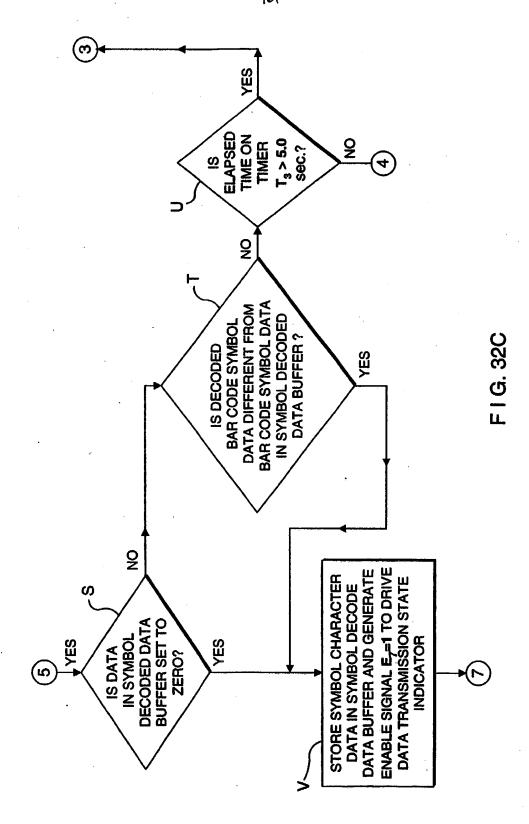
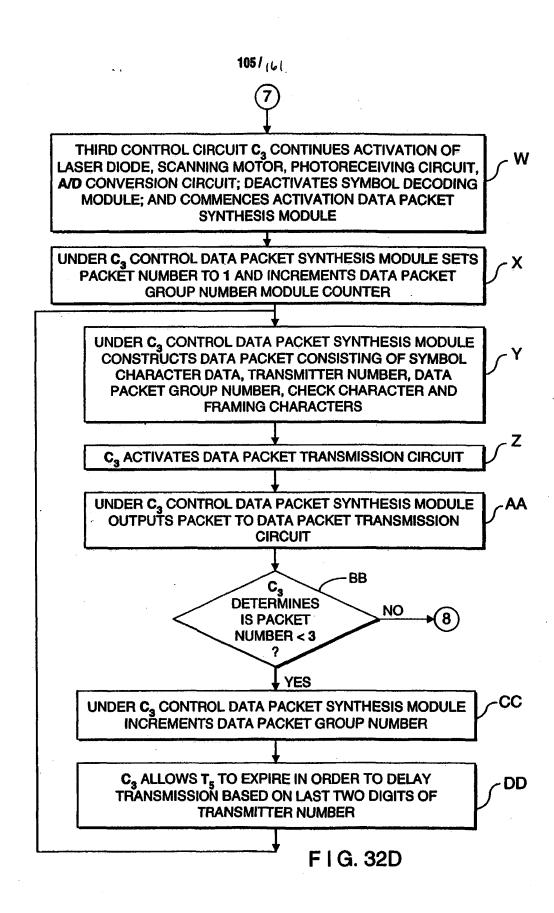


FIG. 32A1









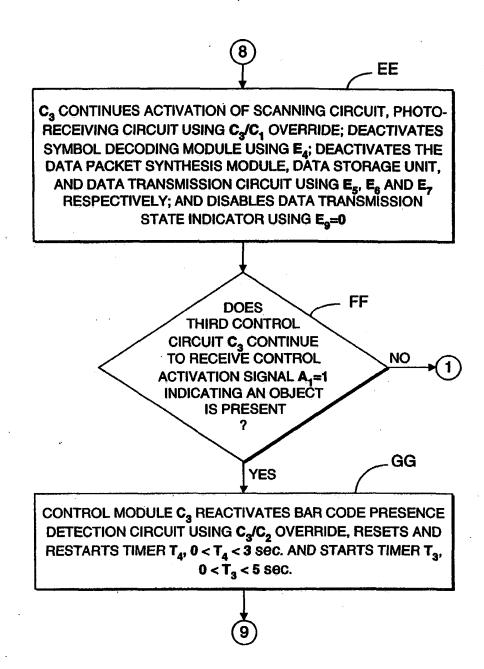
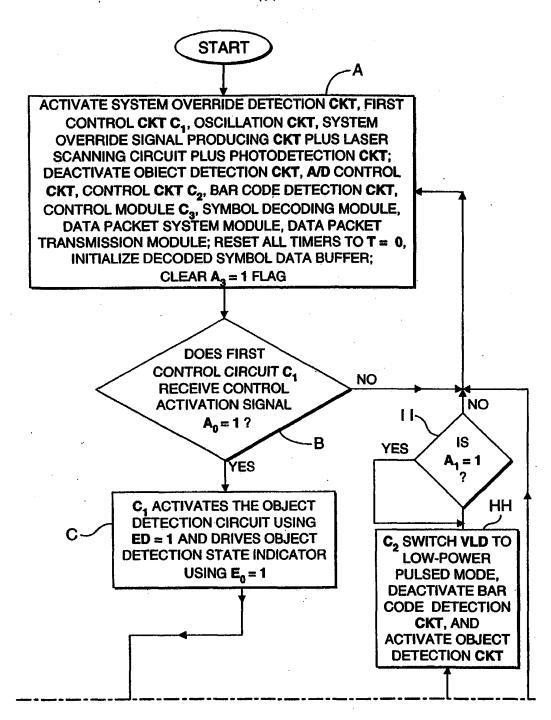
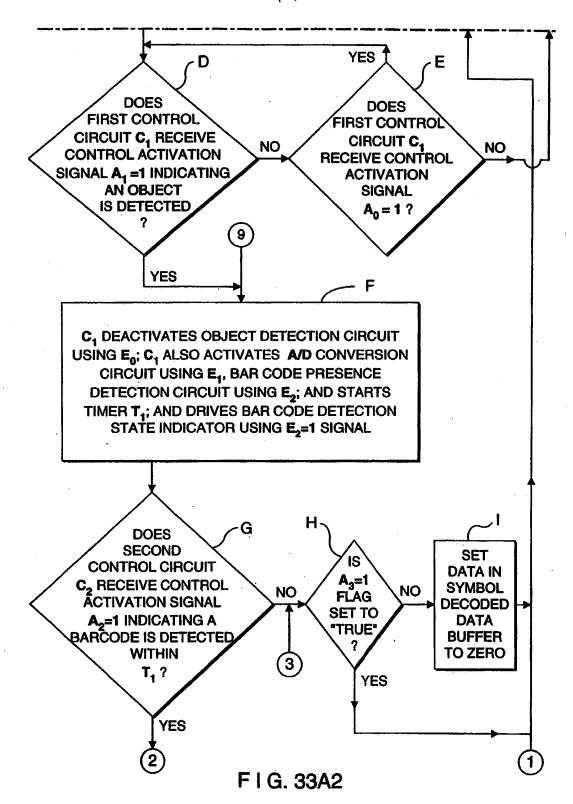
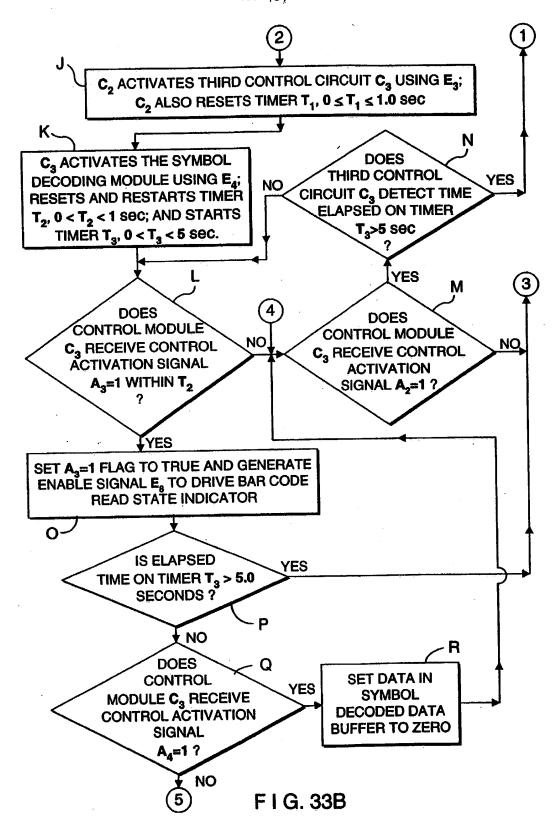


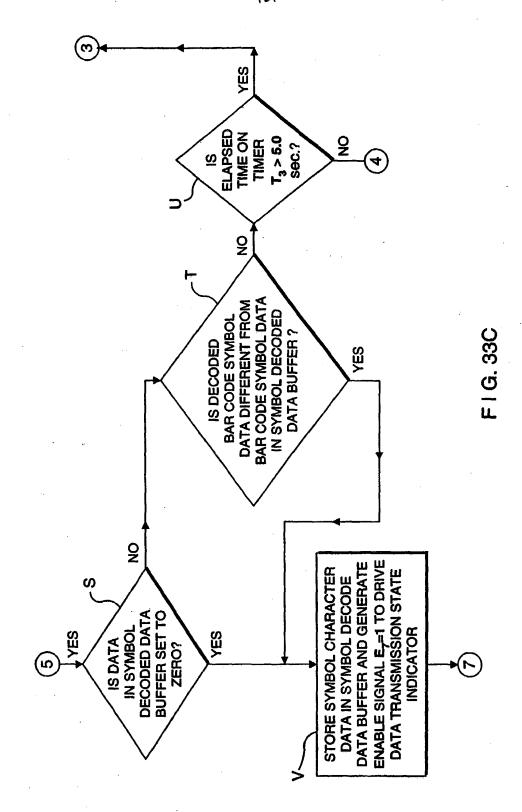
FIG. 32E

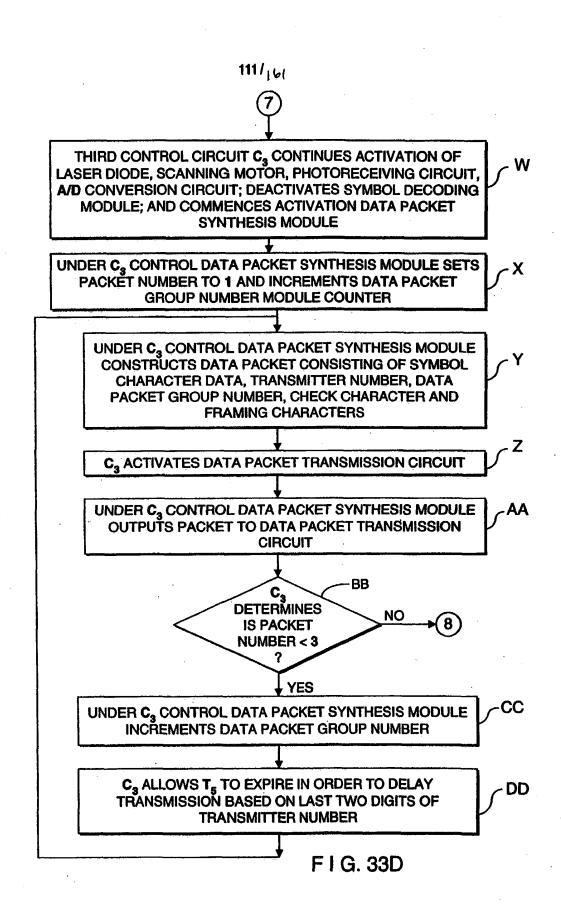


F I G. 33A1









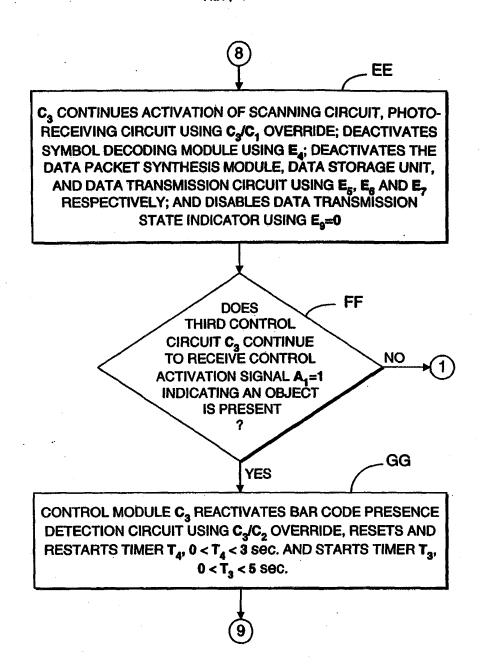
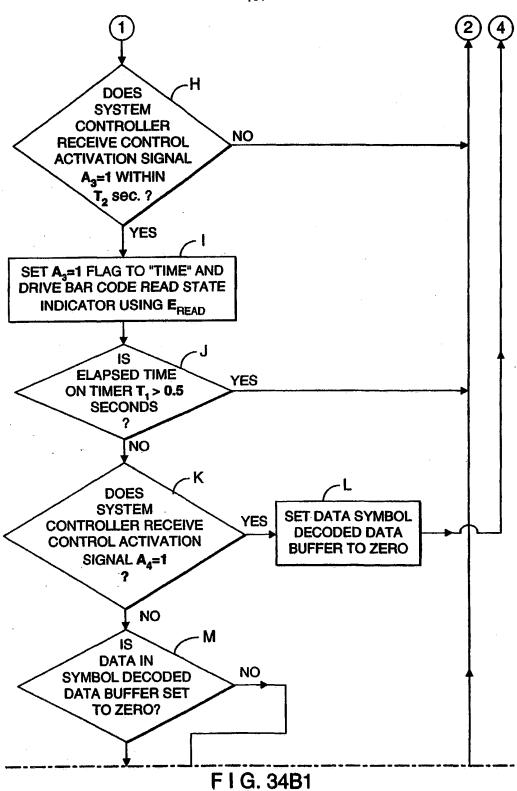


FIG. 33E





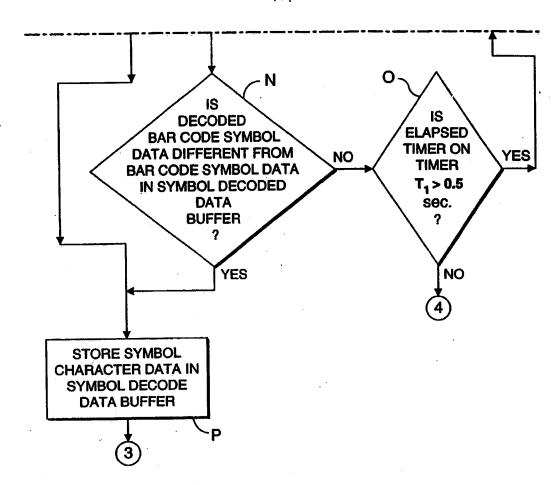
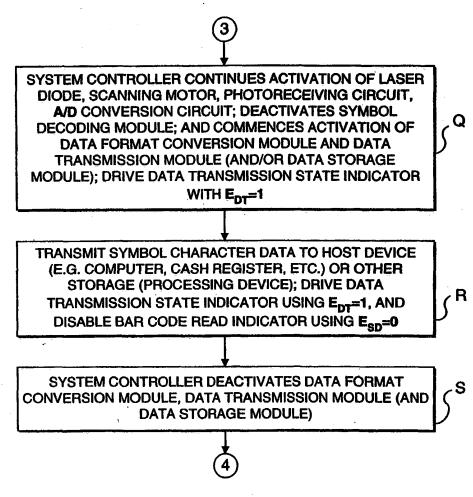


FIG. 34B2



F1G. 34C

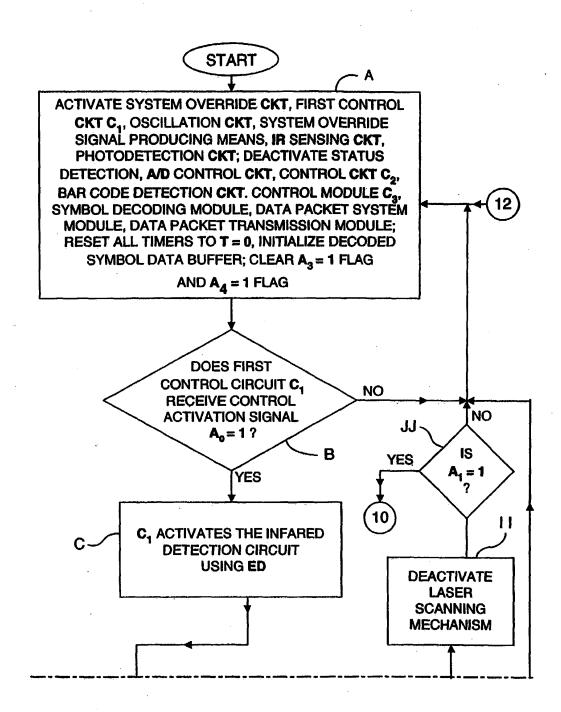
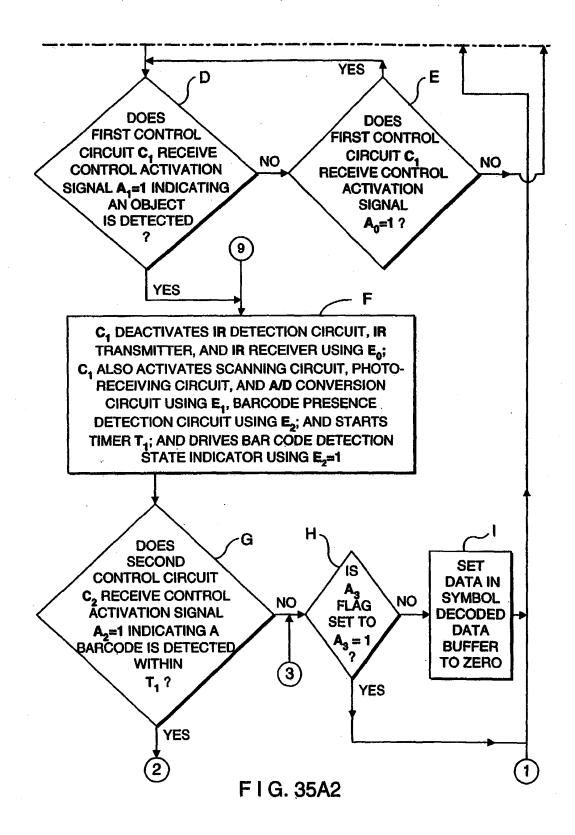


FIG. 35A1



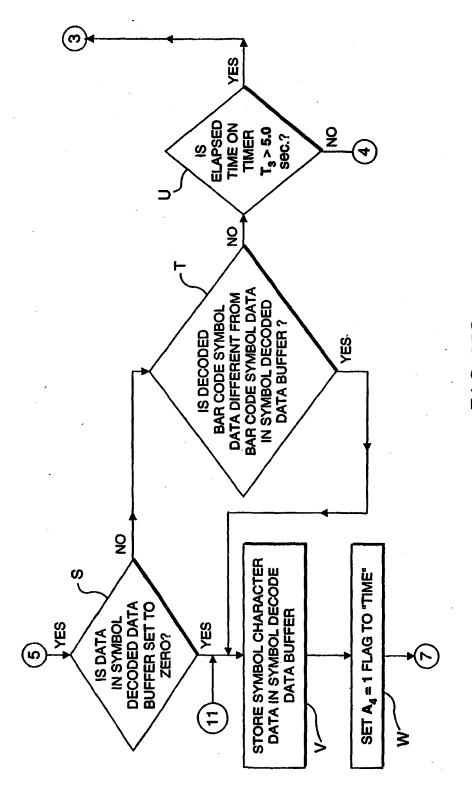


FIG. 35C

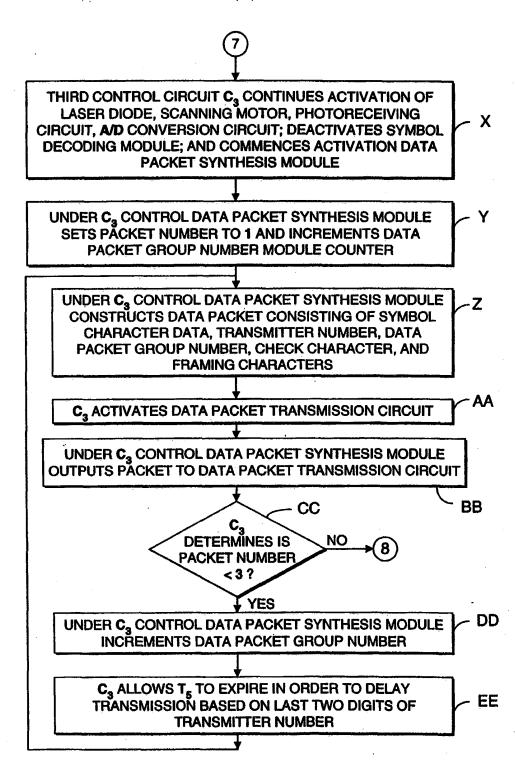


FIG. 35D

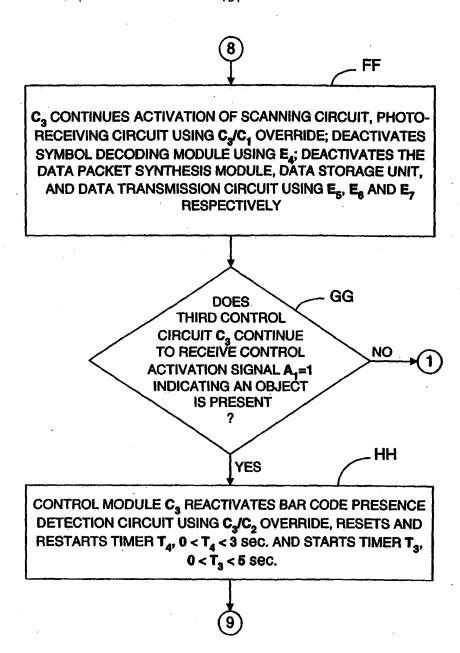
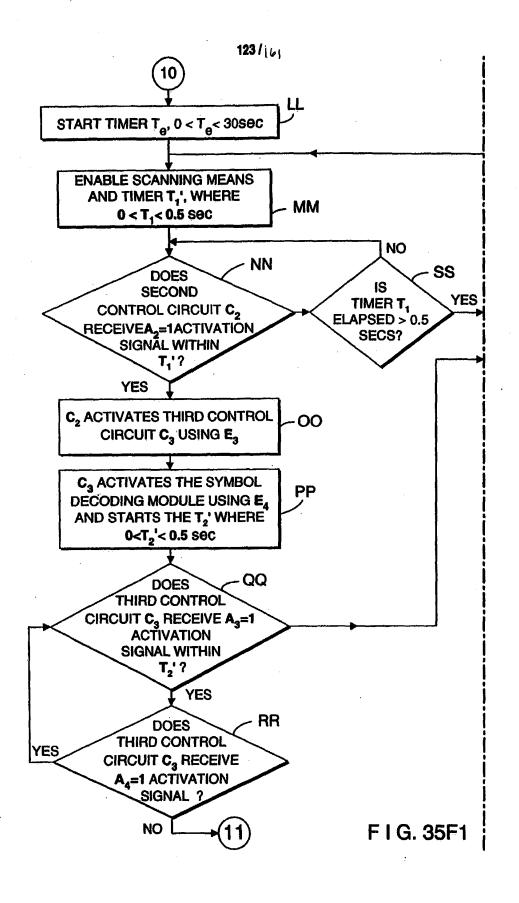
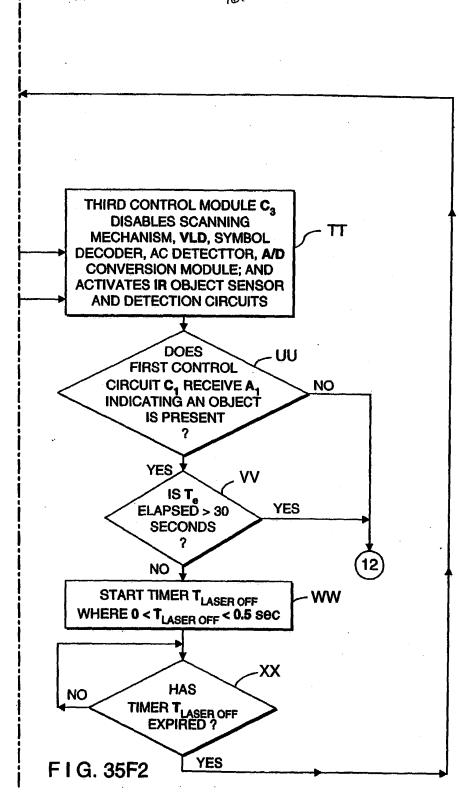
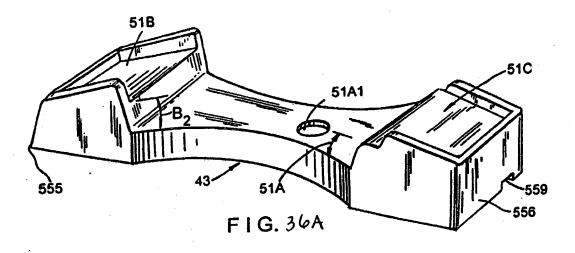
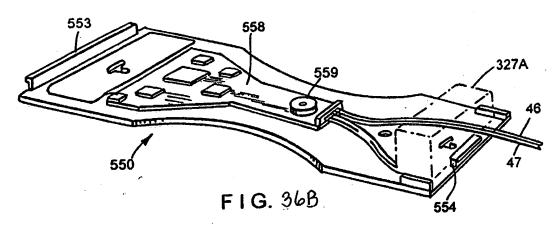


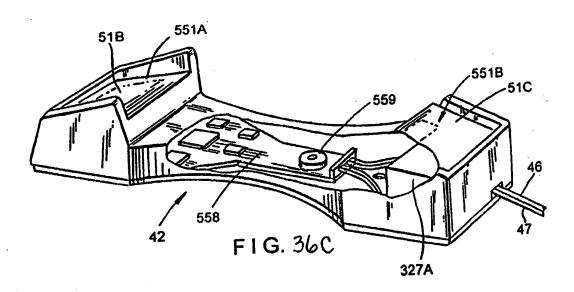
FIG. 35E

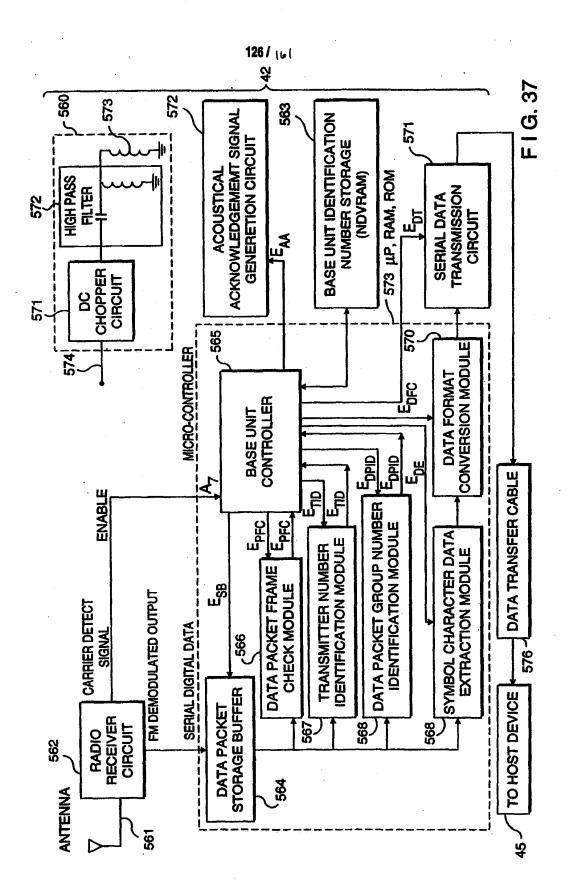


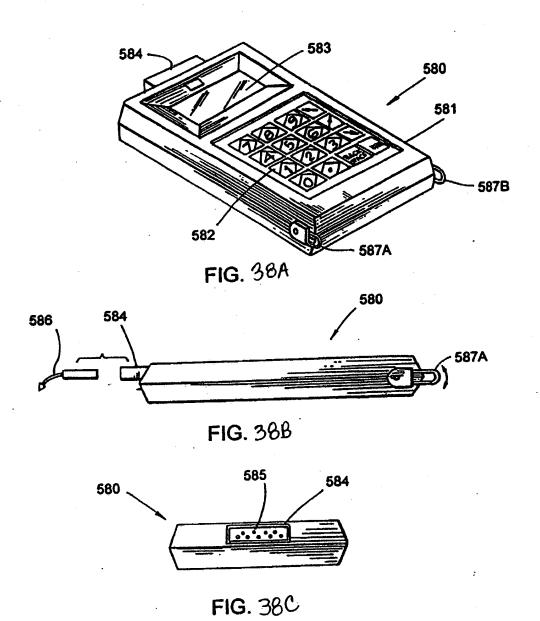












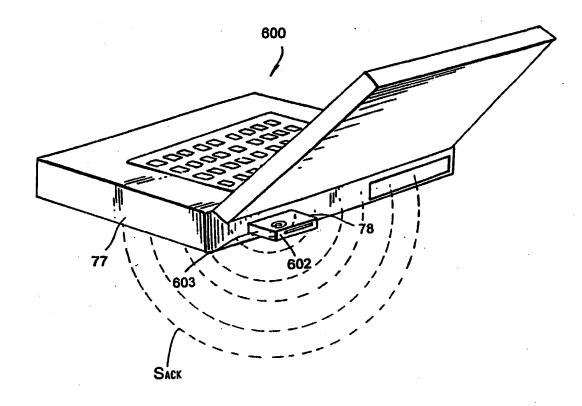


FIG. 39

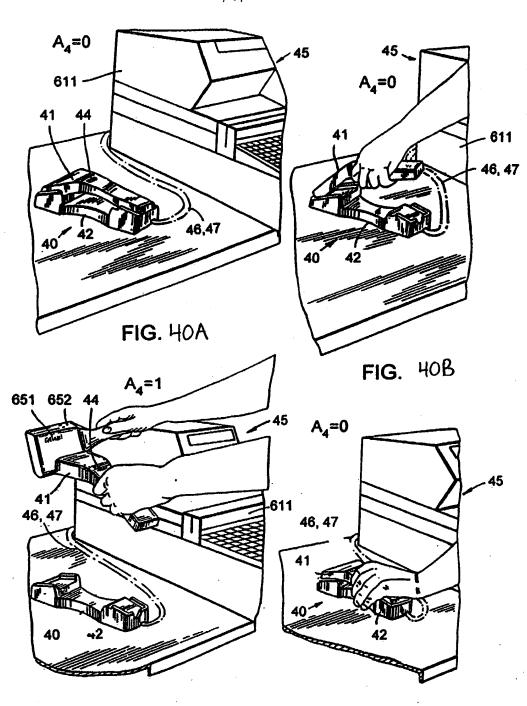
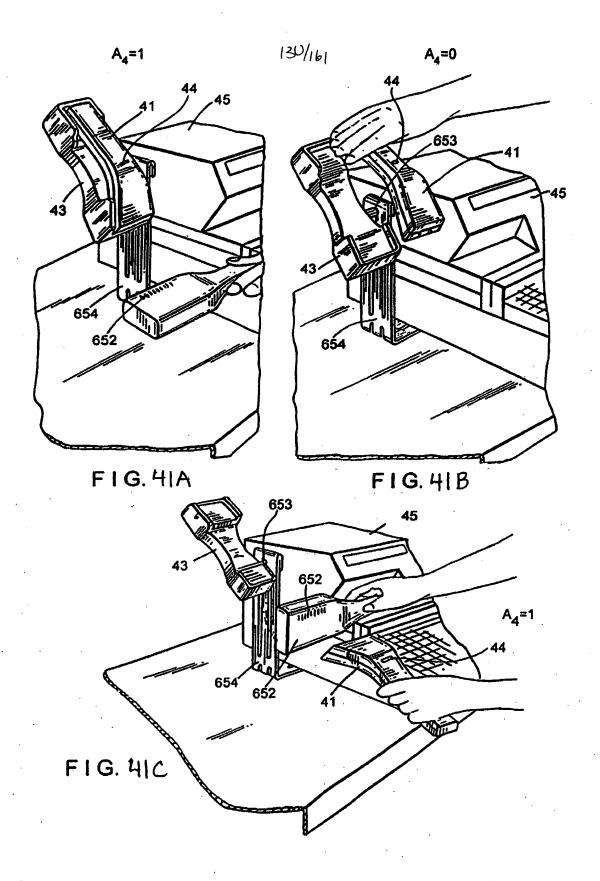
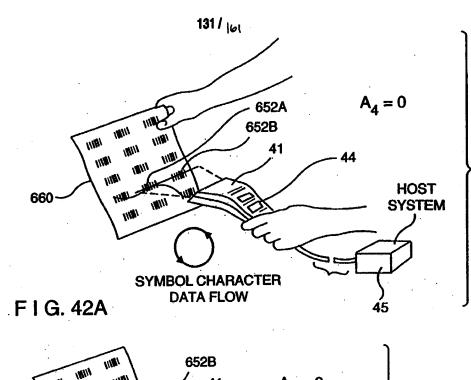
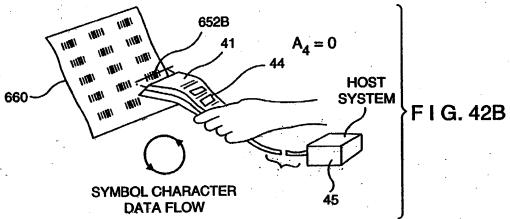


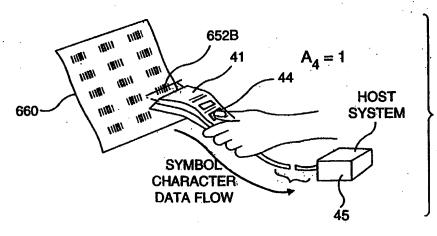
FIG. 40C

FIG. 40D

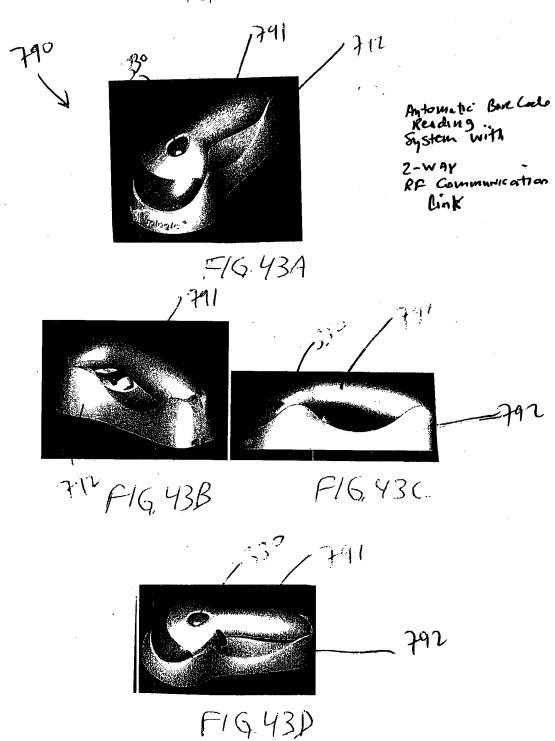


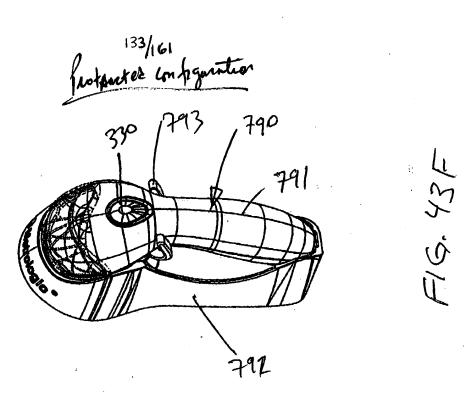


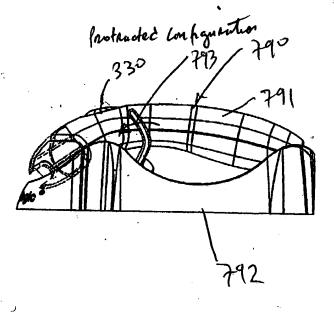




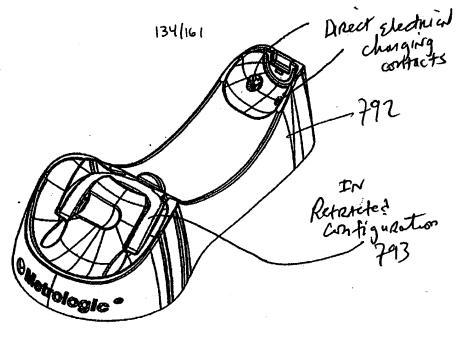
F1G. 42C



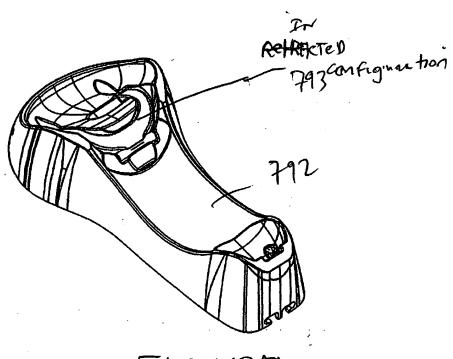




F1G 43 E

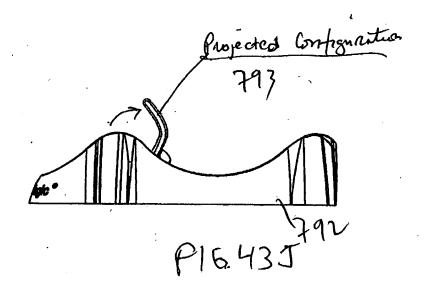


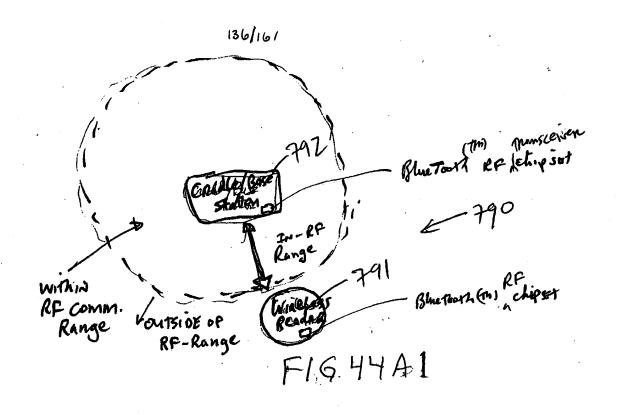
P1G. 439

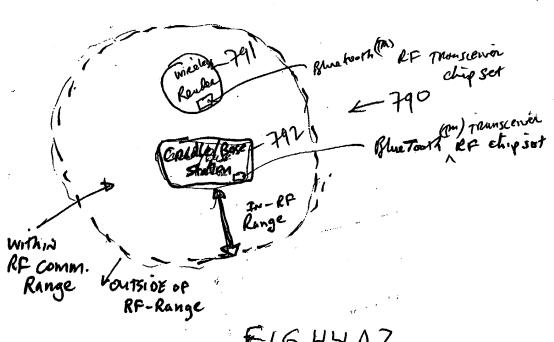


F16.43A

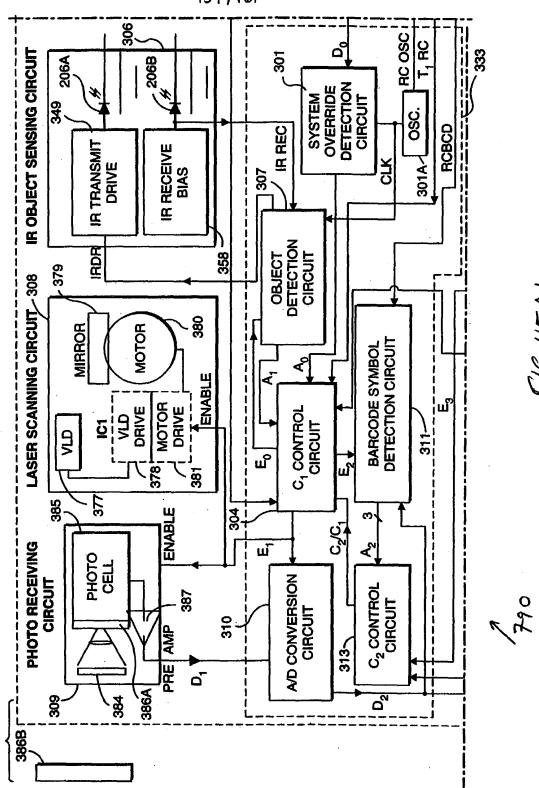
Retracted configuration 793 F16. 43 I 792



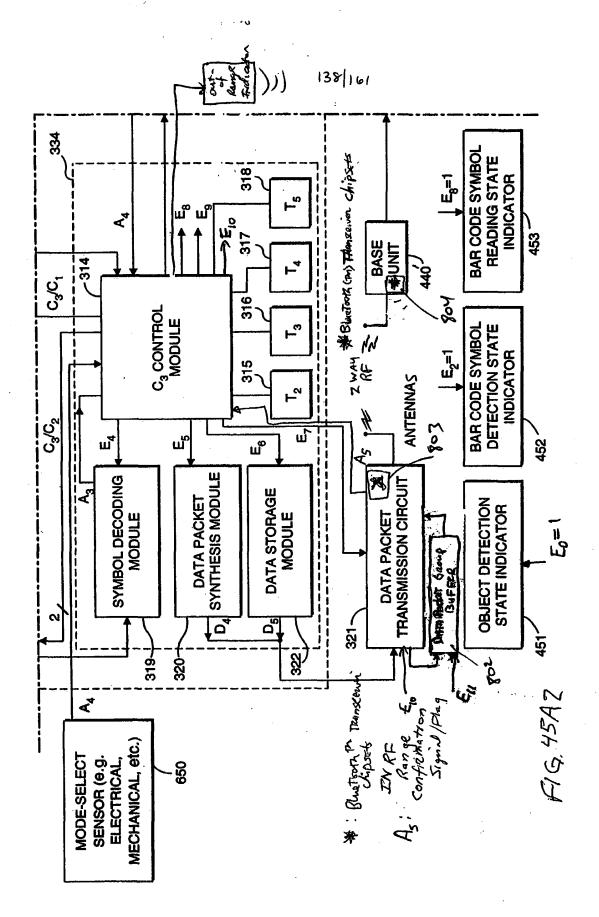




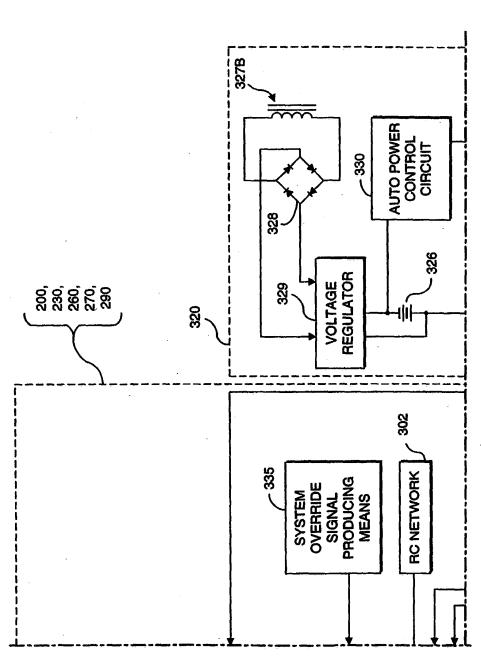
F16.44AZ

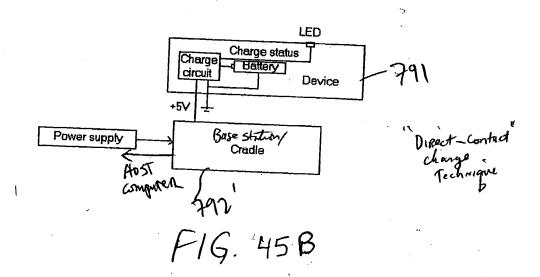


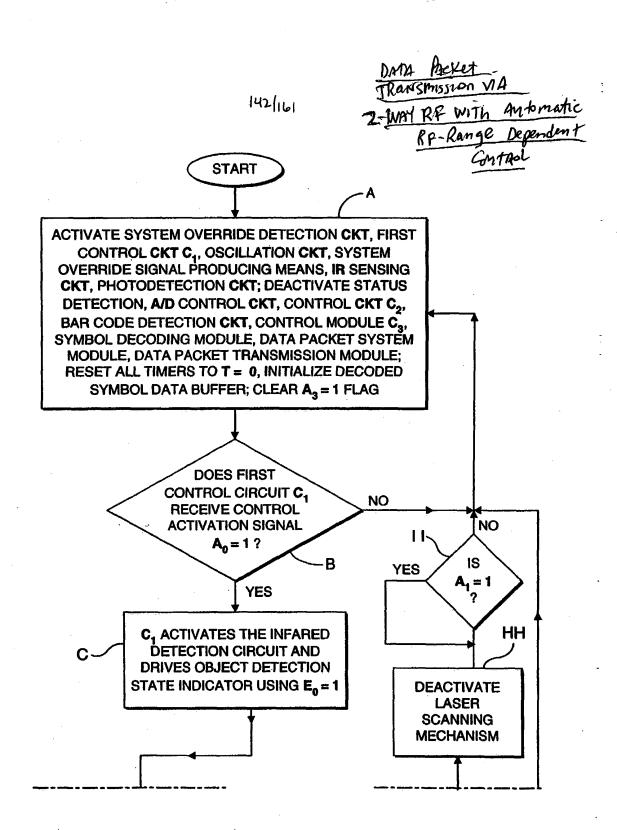
F/6 45A



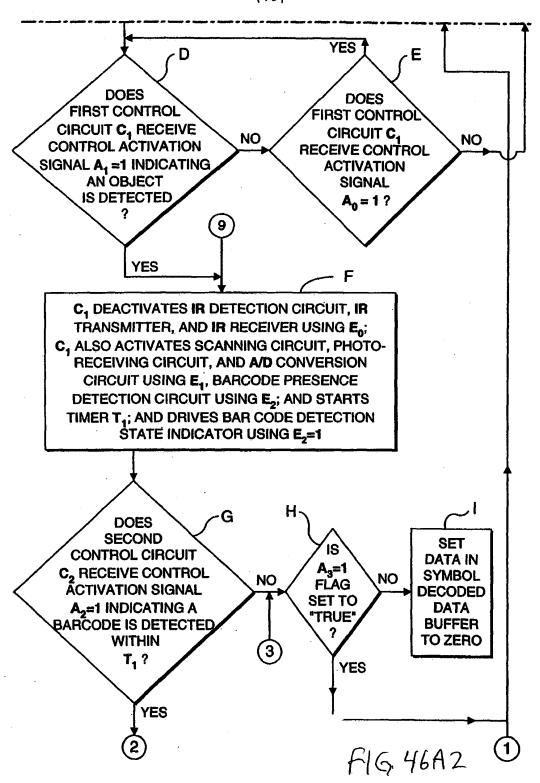


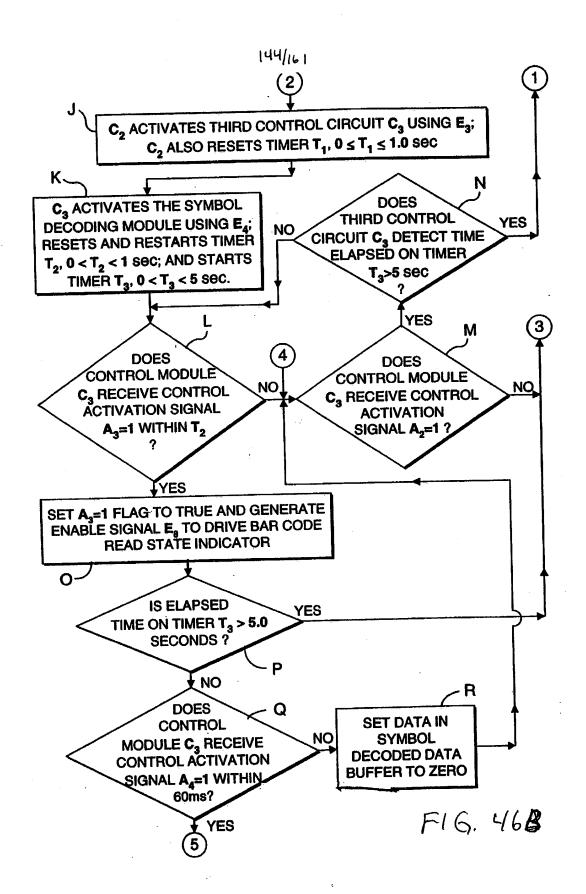


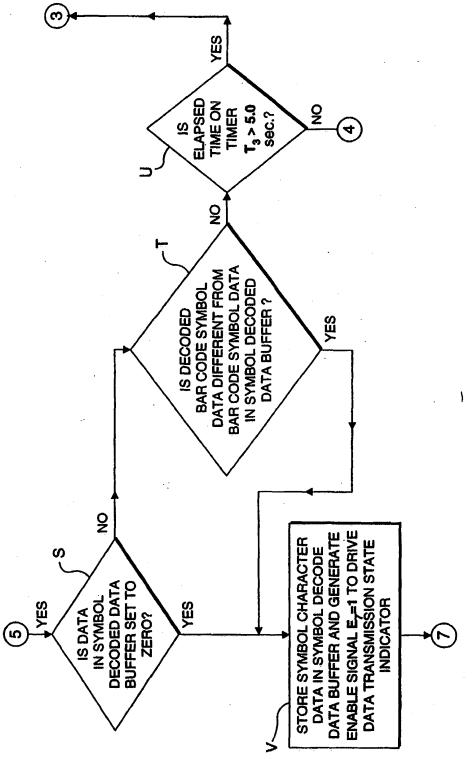




F16.46A1



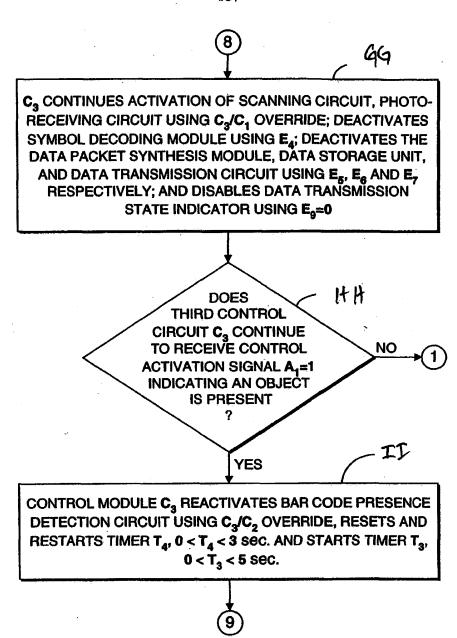


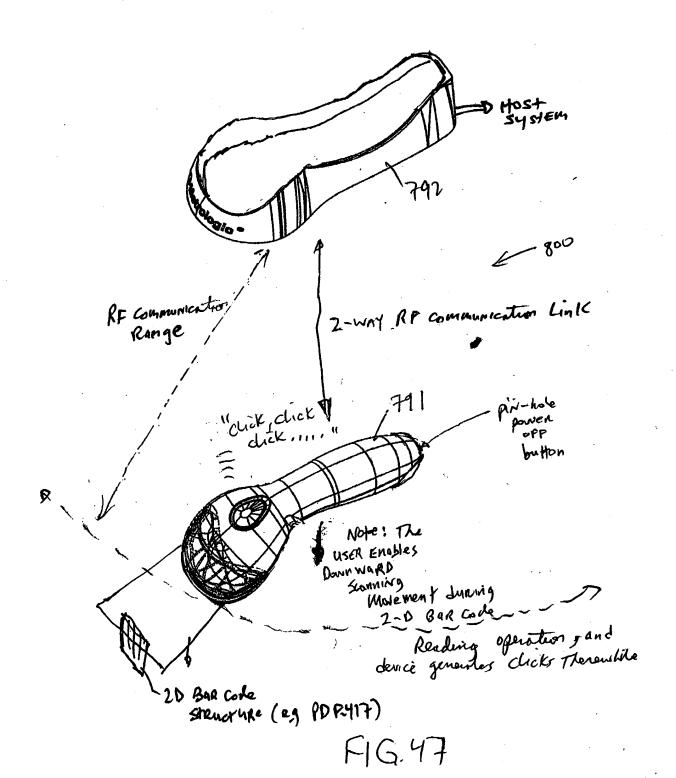


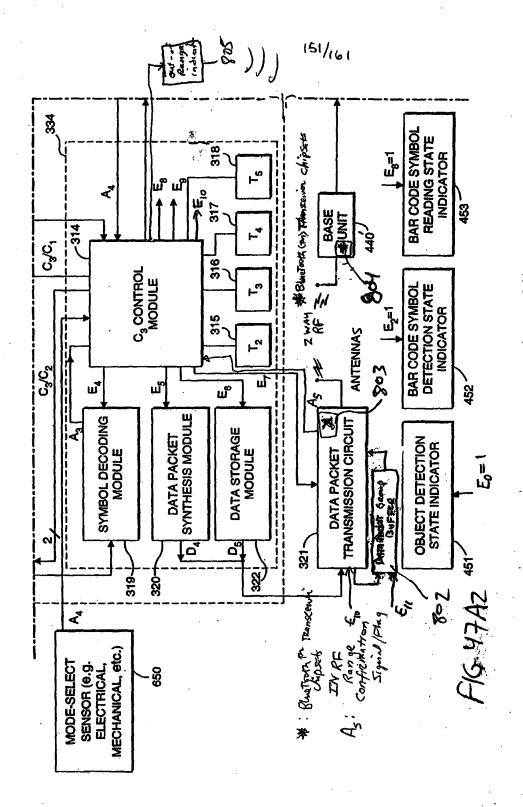
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C3 ACTIVATES DATA PACKET TRANSMISSION CIRCUIT CC UNDER C3 CONTROL DATA PACKET SYNTHESIS MODULE OUTPUTS PACKETSTO DATA PACKET TRANSMISSION CIRCUIT FOR TRANSmission Base Station DATA PACKET TRANSMUSION CIRCUIT Receives a PARKET Group Action de grant Base STATION When Signal Storm SE STATION RECEIVES ALL ACKETS EACL DATA PACKET GROUP SENT Ez control module geneenter And the beep sound (and good Read visual-indication) for each Data Packed Guang Sent To Base station Successfully

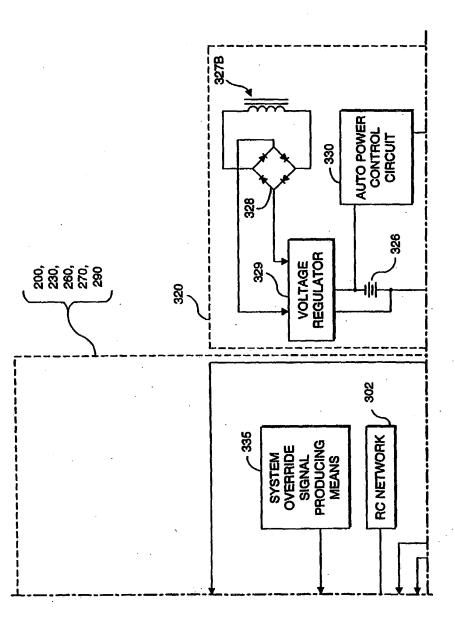
F1G. 46 C3

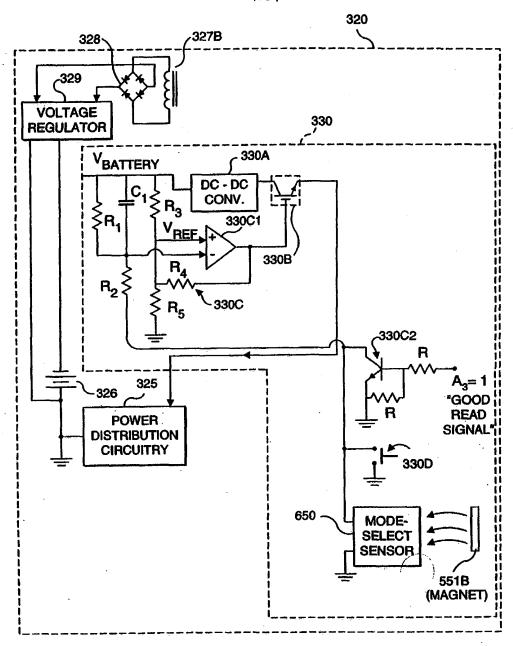




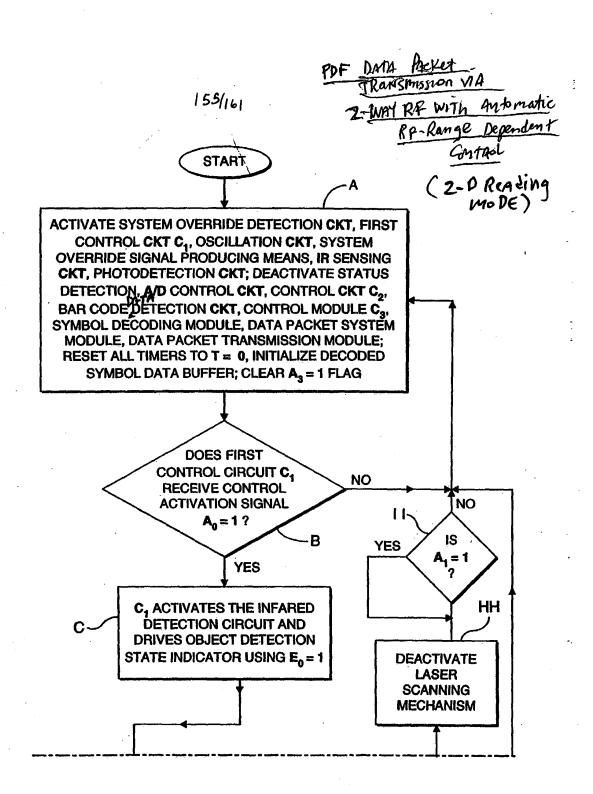




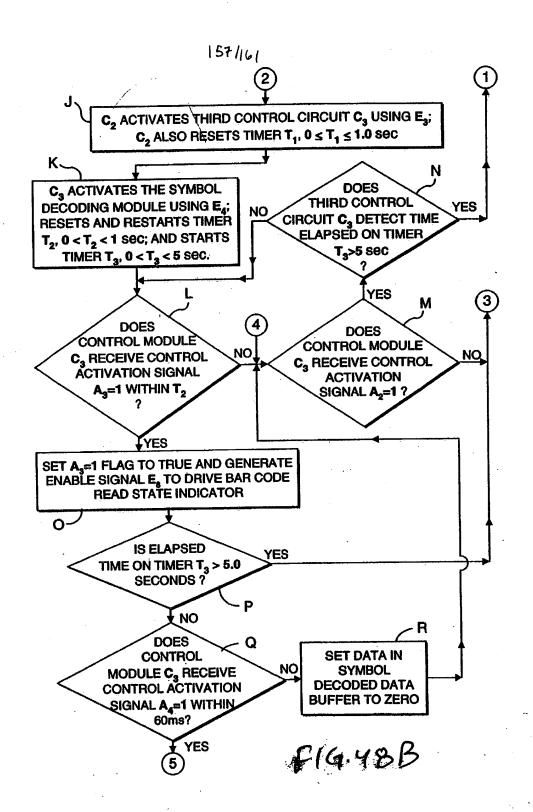


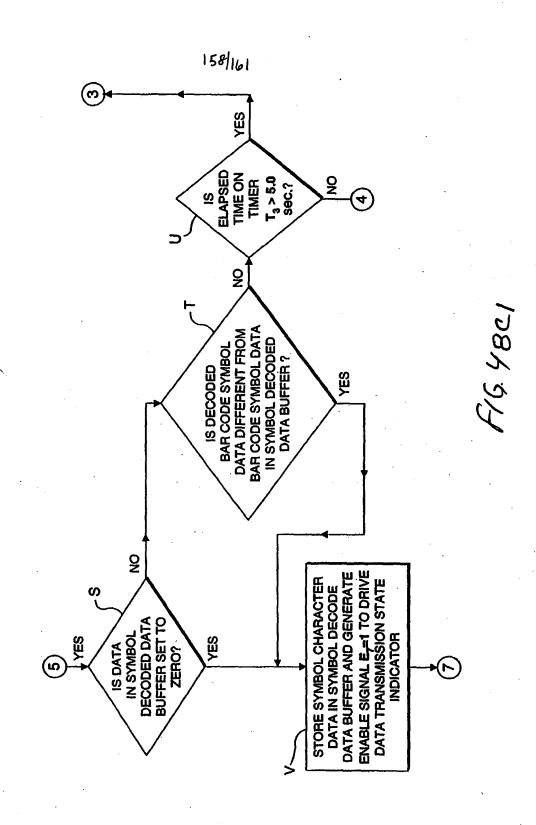


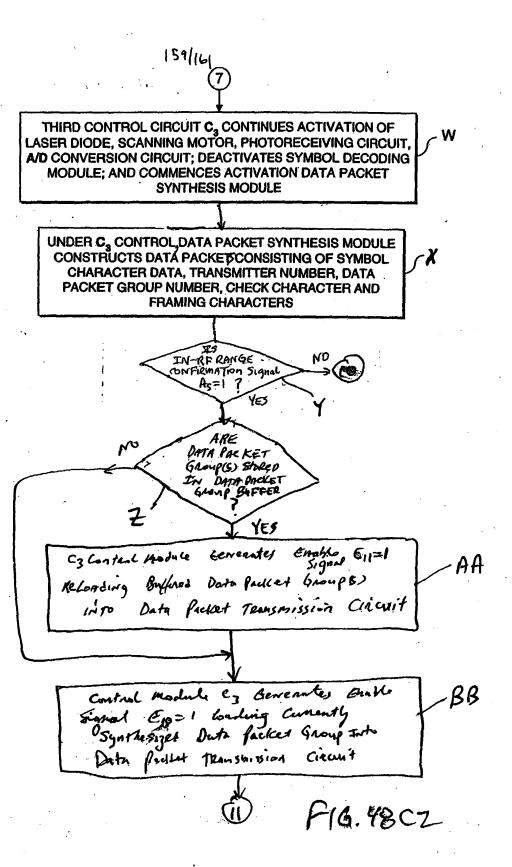
F1G. 47B



F16. 48 A1







UNDER C3 CONTROL DATA PACKET TRANSMISSION CIRCUIT

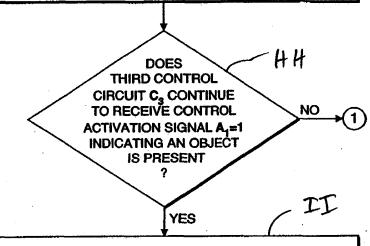
UNDER C3 CONTROL DATA PACKET SYNTHESIS MODULE
OUTPUTS PACKETSTO DATA PACKET TRANSMISSION
CIRCUIT FOR TRANSMISSION
CIRCUIT
RECEIVED
A PACKET TRANSMISSION
CIRCUIT
RECEIVED
A PACKET

F1G. 48C3



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 ${f C_3}$ CONTINUES ACTIVATION OF SCANNING CIRCUIT, PHOTO-RECEIVING CIRCUIT USING ${f C_3/C_1}$ OVERRIDE; DEACTIVATES SYMBOL DECODING MODULE USING ${f E_4}$; DEACTIVATES THE DATA PACKET SYNTHESIS MODULE, DATA STORAGE UNIT, AND DATA TRANSMISSION CIRCUIT USING ${f E_5}$, ${f E_8}$ AND ${f E_7}$ RESPECTIVELY; AND DISABLES DATA TRANSMISSION STATE INDICATOR USING ${f E_0}$ =0



CONTROL MODULE ${\bf C_3}$ REACTIVATES BAR CODE PRESENCE DETECTION CIRCUIT USING ${\bf C_3/C_2}$ OVERRIDE, RESETS AND RESTARTS TIMER ${\bf T_4}$, ${\bf 0}<{\bf T_4}<{\bf 3}$ sec. AND STARTS TIMER ${\bf T_3}$, ${\bf 0}<{\bf T_3}<{\bf 5}$ sec.

(9)

F1G. 48C4